

14

HNO

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Ohrspekula
Ear specula

Spéculums auriculaires
Espéculos auriculares
Specoli auricolari



1:1

TOYNBEE



	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	4.5 mm Ø	5.5 mm Ø	6.5 mm Ø	7.5 mm Ø
36 mm – 1½"	344-008-450	344-008-550	344-008-650	344-008-750

344-008-000		x	x	x
344-008-002	x	x	x	x

Satz für Erwachsene

Set for adults
Jeu pour adultes
Juego para adultos
Serie per adulti



RICHNAU

HOLMGREN



Fig. 0	Fig. 1	Fig. 2	Fig. 3
3 mm Ø	4 mm Ø	5 mm Ø	6 mm Ø
344-004-000	344-004-001	344-004-002	344-004-003

Ohrspekula
Ear specula

Spéculums auriculaires
Espéculos auriculares
Specoli auricolari



1:1

GRUBER

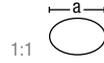


	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	a = 4.5 mm	a = 5.5 mm	a = 6.5 mm	a = 7.5 mm
	344-011-450	344-011-550	344-011-650	344-011-750

44-170-003		x	x	x
44-170-004	x	x	x	x

Satz für Erwachsene

Set for adults
Jeu pour adultes
Juego para adultos
Serie per adulti



1:1

GRUBER



	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	4.5 mm Ø	5.5 mm Ø	6.5 mm Ø	7.5 mm Ø
	344-010-450	344-010-550	344-010-650	344-010-750

344-010-000	x	x	x	x
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Satz für Erwachsene

Set for adults
Jeu pour adultes
Juego para adultos
Serie per adulti



1:1

ZÖLLNER



	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6
	5.5 x 6.5 mm	6.5 x 7.5 mm	7.5 x 8.5 mm	8.5 x 9.5 mm	9.5 x 10.5 mm	10.5 x 11.5 mm
	436-128-010	436-128-020	436-128-030	436-128-040	436-128-050	436-128-060

436-128-000	x	x	x	x	x	x
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Satz für Erwachsene, schwarz

Set for adults, black
Jeu pour adultes, noir
Juego para adultos, negro
Serie per adulti, nero



1:1

POLITZER



	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	2 mm Ø	3 mm Ø	4 mm Ø	5 mm Ø
	436-100-100	436-100-110	436-100-120	436-100-130

436-100-030	x	x	x	
436-101-040	x	x	x	x

Satz für Erwachsene

Set for adults
Jeu pour adultes
Juego para adultos
Serie per adulti



Ohrspekula
Ear specula

Spéculums auriculaires
Espéculos auriculares
Specoli auricolari



1:1

BOUCHERON



	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	4.5 mm Ø	5.5 mm Ø	6.5 mm Ø	7.5 mm Ø
	344-014-500	344-014-600	344-014-700	344-014-800

344-014-000	x	x	x	x
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Satz für Erwachsene

Set for adults
Jeu pour adultes
Juego para adultos
Serie per adulti



1:1

HARTMANN



	Fig. 0	Fig. 1	Fig. 2
	3.0 mm Ø	4.5 mm Ø	5.5 mm Ø
	344-006-300	344-006-450	344-006-550

436-108-030	x	x	x
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Satz für Kinder

Set for children
Jeu pour enfants
Juego para niños
Serie per bambini



1:1

HARTMANN



	Fig. 1	Fig. 2	Fig. 3	Fig. 4
	4.5 mm Ø	5.5 mm Ø	6.5 mm Ø	7.5 mm Ø
	344-006-450	344-006-550	344-006-650	344-006-750

44-150-003		x	x	x
44-150-004	x	x	x	x

Satz für Erwachsene

Set for adults
Jeu pour adultes
Juego para adultos
Serie per adulti



1:1

HARTMANN



	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
	2.0 mm Ø	3.5 mm Ø	5.0 mm Ø	6.5 mm Ø	7.5 mm Ø
	344-006-180B	344-006-350B	344-006-500B	344-006-650B	344-006-750B

344-006-000B		x	x	x	x
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Satz für Erwachsene, schwarz

Set for adults, black
Jeu pour adultes, noir
Juego para adultos, negro
Serie per adulti, nero

Ohrspekula
Ear specula

Spéculums auriculaires
Espéculos auriculares
Specoli auricolari



SIEGLE

	Fig. 1	Fig. 2	Fig. 3		
	6.5 mm Ø	7.0 mm Ø	8.0 mm Ø		
	436-146-110	436-146-120	436-146-130	436-146-100	436-153-010

Lupenkörper, allein
Magnifyer, alone
Loupe, seule
Lupa, sola
Lente, solo

Gebläse, allein
Rubber bulb, alone
Soufflerie, seule
Insufflator, sola
Soffieria, solo

44-186-003	x	x	x	x	x
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Satz komplett
Set complete
Jeu complet
Juego completo
Serie completa



BRUENINGS

	Fig. 1	Fig. 2	Fig. 3	Fig. 4		
	6.5 mm Ø	7.5 mm Ø	8.5 mm Ø	9.5 mm Ø		
	436-153-110	436-153-120	436-153-130	436-153-140	436-153-050	436-153-010

Lupenkörper, allein
Magnifyer, alone
Loupe, seule
Lupa, sola
Lente, solo

Gebläse, allein
Rubber bulb, alone
Soufflerie, seule
Insufflator, sola
Soffieria, solo

436-153-040	x	x	x	x	x	x
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Satz komplett
Set complete
Jeu complet
Juego completo
Serie completa



Stimmgabeln
Tuning forks
Diapasons
Diapasones
Diapasoni



LUCAE

1:2

c 128	44-242-000
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verschiebbar bis h
variable up to h (engl. b)
variable jusqu'à h (franc. si)
variable hasta h (esp. si)
regolabile fino a h



RYDEL-SEIFFER

1:2

C 64 / c 128	44-234-000
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mit Dämpfer C 64, ohne Dämpfer c 128
with clamps C 64, without clamps c 128
avec curseurs C 64, sans curseurs c 128
con sordinas C 64, sin sordinas c 128
con cursori C 64, senza cursori c 128



FRENCH

1:2

1:2

C ₂ 16	C ₁ 32
44-210-001	44-210-002

Stimmgabeln
Tuning forks
Diapasons
Diapasones
Diapasoni



HARTMANN 1:2

1:2

1:2

1:2

		Aluminium		Aluminium
C 64	c ¹ 28	c ¹ 28	c ¹ 256	c ¹ 256
44-212-001	44-212-002	44-212-012	44-212-003	44-212-013

a ¹ 440
44-232-000



Stimmgabeln
Tuning forks

Diapasons
Diapasones
Diapasoni



HARTMANN

c 128	c ¹ 256	c ² 512	c ³ 1024	c ⁴ 2048	C ⁵ 4096
44-220-001	44-220-002	44-220-003	44-220-004	44-220-005	44-220-006

Aluminium	Aluminium	Aluminium
c ² 512	c ³ 1024	c ⁴ 2048
44-220-013	44-220-014	44-220-015



HARTMANN

44-270-000

Satz im Etui (44-212-002, 44-212-003, 44-220-003, 44-220-004, 44-220-005)
Set in case (44-212-002, 44-212-003, 44-220-003, 44-220-004, 44-220-005)
Jeu en boîte (44-212-002, 44-212-003, 44-220-003, 44-220-004, 44-220-005)
Juego en estuche (44-212-002, 44-212-003, 44-220-003, 44-220-004, 44-220-005)
Serie in astuccio (44-212-002, 44-212-003, 44-220-003, 44-220-004, 44-220-005)

Aluminium
44-270-002

Satz im Etui (44-220-013, 44-220-014, 44-220-015)
Set in case (44-220-013, 44-220-014, 44-220-015)
Jeu en boîte (44-220-013, 44-220-014, 44-220-015)
Juego en estuche (44-220-013, 44-220-014, 44-220-015)
Serie in astuccio (44-220-013, 44-220-014, 44-220-015)

Stimmgabeln
Tuning forks
Diapasons
Diapasones
Diapasoni



Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
c 128	c ¹ 256	c ² 512	c ³ 1024	c ⁴ 2048
344-056-010	344-056-020	344-056-030	344-056-040	344-056-050



344-057-000

Satz im Etui (344-056-010 – 344-056-050)
Set in case (344-056-010 – 344-056-050)
Jeu en boîte (344-056-010 – 344-056-050)
Juego en estuche (344-056-010 – 344-056-050)
Serie in astuccio (344-056-010 – 344-056-050)



Lärmtrommel
Noise drum
Assourdisseur
Aparato de ruido
Assordatore

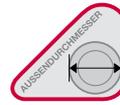


BARANY

344-076-000

Ohrküretten
Ear cures

Curettes auriculaires
Curetas auriculares
Curette auricolari



Abbildungen zeigen den Außendurchmesser.
Pictures show the outer diameter.
Illustrations représentent le diamètre externe.
Ilustraciones presentan el diámetro externo.
Le illustrazioni mostrano il diametro esterno.



BUCK

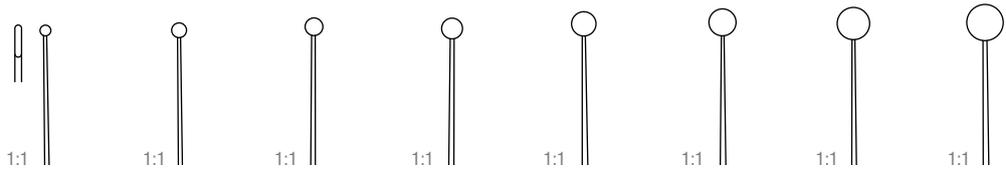


	Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
165 mm – 6½"	44-610-001	44-610-002	44-610-003	44-610-010	44-610-020	44-610-030	44-610-040	44-610-050

stumpf
blunt
mousse
roma
smussa

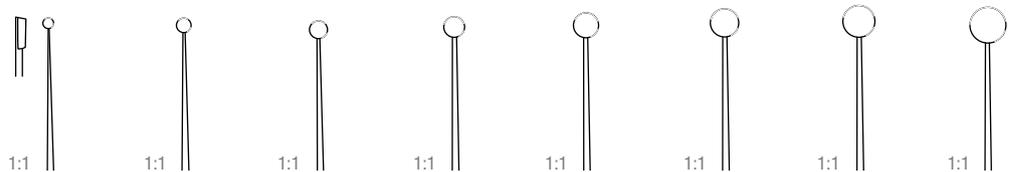


	Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
165 mm – 6½"	44-608-001	44-608-002	44-608-003	44-608-010	44-608-020	44-608-030	44-608-040	44-608-050

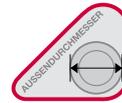
scharf
sharp
tranchante
cortante
tagliante

1:1



Ohrküretten
Ear cures

Curettes auriculaires
Curetas auriculares
Curette auricolari



Abbildungen zeigen den Außendurchmesser.
Pictures show the outer diameter.
Illustrations représentent le diamètre externe.
Illustraciones presentan el diámetro externo.
Le illustrazioni mostrano il diametro esterno.

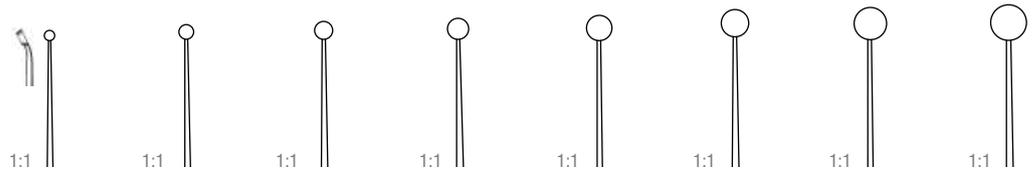


	Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
165 mm – 6 ½"	44-613-001	44-613-002	44-613-003	44-613-010	44-613-020	44-613-030	44-613-040	44-613-050

gebogen, stumpf
curved, blunt
courbe, tranchante
curva, cortante
curva, smussa

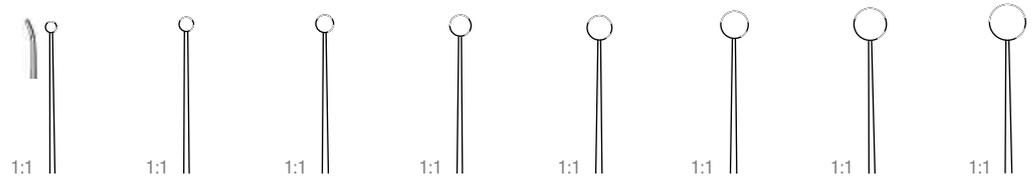


	Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
165 mm – 6 ½"	44-611-001	44-611-002	44-611-003	44-611-010	44-611-020	44-611-030	44-611-040	44-611-050

gebogen, scharf
curved sharp
courbe, pointue
curva, aguda
curva, tagliente

1:1

Ohrküretten und scharfe Löffel
Ear cures and sharp spoons

Curettes auriculaires et cuillères tranchantes
Curetas y cucharillas auriculares cortantes
Curette auricolari e cucchiari taglienti

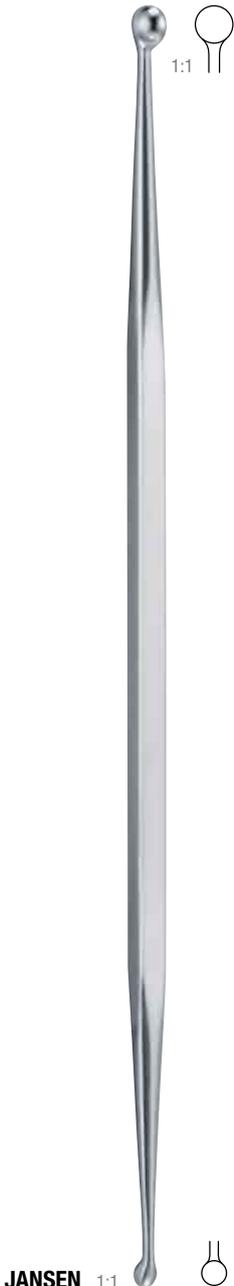


LANGENBECK 1:1

130 mm – 5"

436-487-130

stumpf
blunt
mousse
roma
smussa



JANSEN 1:1

170 mm – 6¾"

436-528-150

scharf
sharp
tranchante
cortante
acuta



GROSS 1:1

120 mm – 4¾"

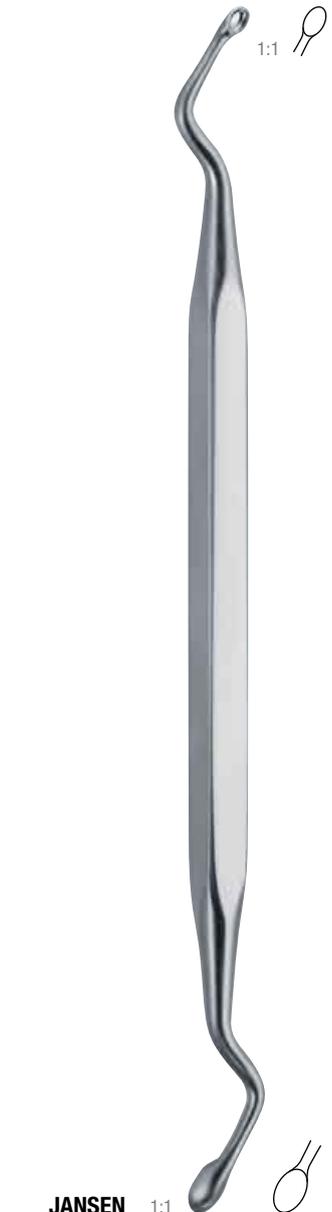
44-648-120

scharf, voll
sharp, not fenestrated
tranchante, pleine
cortante, lleno
acuta, pieno

120 mm – 4¾"

436-538-120

stumpf, gefenstert
blunt, fenestrated
mousse, fenêtrée
romas, fenestrada
smussa, fenestrata



JANSEN 1:1

160 mm – 6¼"

436-529-150

scharf
sharp
tranchante
cortante
acuta



Ohrschlingen – Hähchen
Ear loops – hooks

Anses – crochets auriculaires
Asas – ganchos auriculares
Anse – uncini auricolari



BILLEAU



165 mm – 6 ½"	44-680-001	44-680-002	44-680-003
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LUCAE



140 mm – 5 ½"	24-525-001	24-525-002	24-525-003
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WAGENER



140 mm – 5 ½"	344-188-010	344-188-020	344-188-030	344-188-040	436-581-050	436-581-060	436-581-070
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1:2

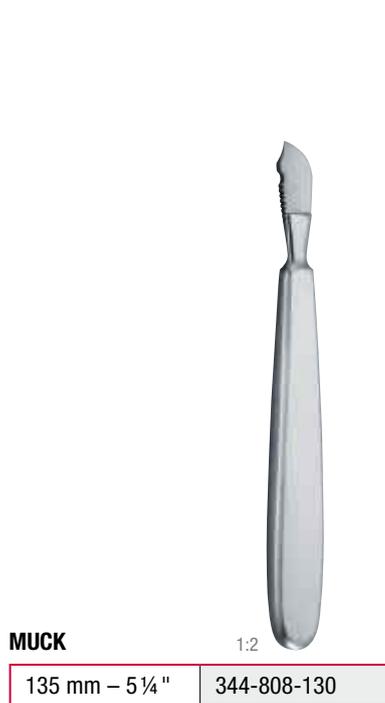
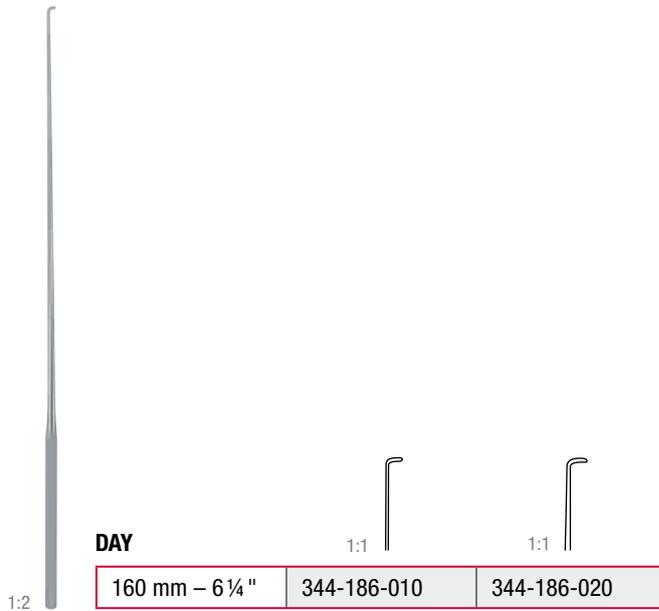
Ohrhäkchen – Messer

Ear hooks – knives

Crochets – couteaux auriculaires

Ganchos – cuchillos auriculares

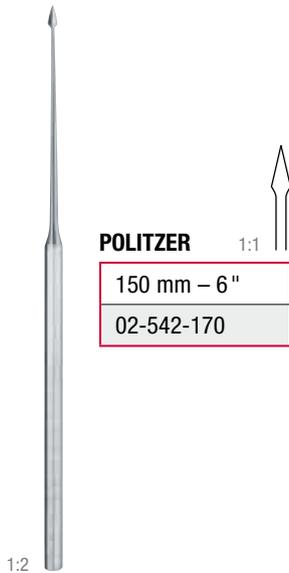
Uncini – coltelli auricolari





Parazentesenadeln
Paracentesis needles

Aiguilles de paracentèse
Agujas para paracentesis
Aghi per paracentesi



POLITZER 1:1
150 mm – 6"
02-542-170



GERZOG 1:1
160 mm – 6 ¼"
436-630-160



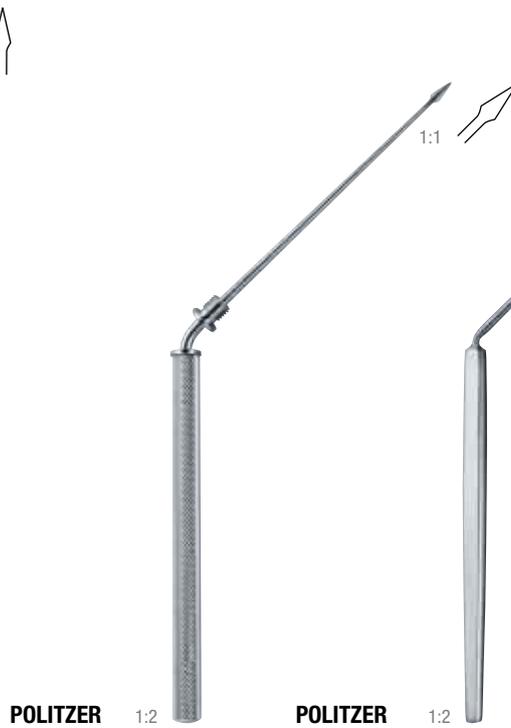
BUCK 1:1
160 mm – 6 ¼"
436-632-160



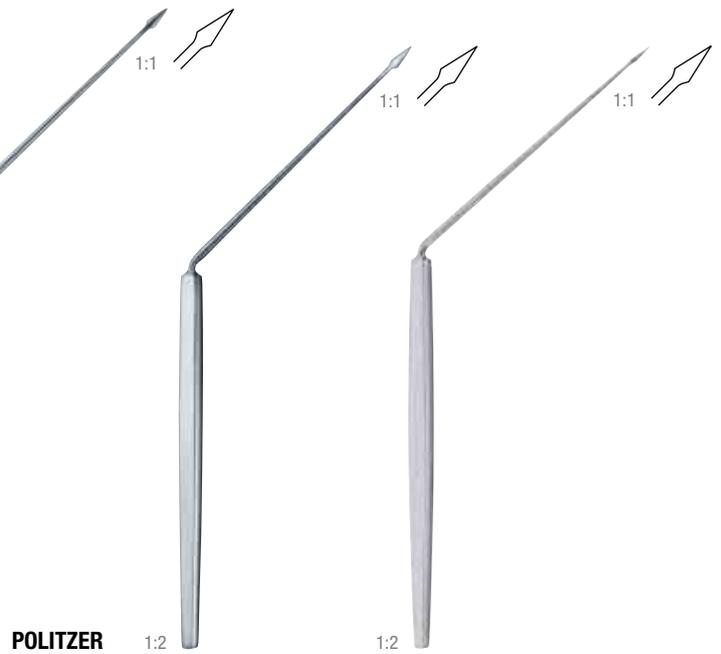
LUCAE 1:2 1:2
180 mm – 7" 02-567-180 436-659-180



LUCAE 1:2
190 mm – 7 ½"
02-585-190



POLITZER 1:2
170 mm – 6 ¾"
02-587-170



POLITZER 1:2 1:2
160 mm – 6 ¼" 160 mm – 6 ¼"
02-561-160 436-653-160

Nadel senkrecht
Needle vertical
Aiguille verticale
Aguja vertical
Ago verticale

Nadel waagrecht
Needle horizontal
Aiguille horizontale
Aguja horizontal
Ago orizzontale

Ohrpolypenschnürer
Ear polypus snares

Serre noeuds auriculaires
Polipótomos auriculares
Serranodi auricolari



	10 m – 33 ft.
0.3 mm Ø	436-894-300
0.4 mm Ø	436-894-400



0.2 mm Ø x 75 mm	44-335-002
0.3 mm Ø x 100 mm	44-335-003

in Bündeln mit 12 Stück
in bundles of 12 pieces
en paquets de 12 pièces
en líos de 12 piezas
pacchetto di 12 pezzi



KRAUSE

1:2

160 mm – 6¼"	44-321-160
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KRAUSE-VOSS

1:2

160 mm – 6¼"	436-349-160
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LANGE-WILDE

1:2

170 mm – 6¾"	44-325-160
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Ohrpolypenzangen
Ear polypus forceps

Pinces pour polypes auriculaires
Pinzas para pólipos auriculares
Pinze per polipi auricolari



LITTAUER

120 mm – 4 3/4 "	344-241-120
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HARTMANN

120 mm – 4 3/4 "	344-237-120
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feines Modell
delicate jaw
modèle fin
modelo fino
modello fino



HARTMANN

140 mm – 5 1/2 "	344-237-140
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normales Modell
normal jaw
modèle standard
modelo estandard
modello standard



QUIRE

105 mm – 4 1/4 "	44-550-100
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Fremdkörperheber
Foreign body lever
Levier pour corps étrangers
Elevador para cuerpos extraños
Leva per corpi estranei



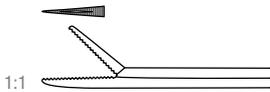
BUCK

115 mm – 4 1/2 "	344-249-110
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Fremdkörperzängchen
Foreign body forceps
Pince pour corps étrangers
Pinza para cuerpos extraños
Pinza per corpi estranei

Ohrzängchen
Ear forceps

Pinces auriculaires
Pinzas auriculares
Pinze auricolari



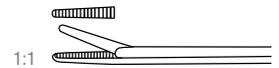
HARTMANN-WULLSTEIN

x = 85 mm – 3 ¼"	44-420-085
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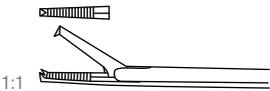
HARTMANN-WULLSTEIN

	1 mm Ø
x = 85 mm – 3 ¼"	44-450-085



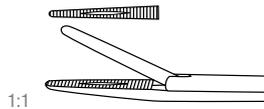
HARTMANN

x = 85 mm – 3 ¼"	44-426-085
x = 140 mm – 5 ½"	44-426-140
x = 160 mm – 6 ¼"	344-257-160



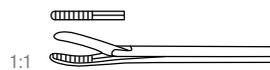
HARTMANN

x = 85 mm – 3 ¼"	44-432-085
x = 140 mm – 5 ½"	44-432-140



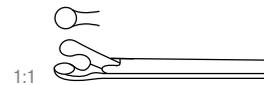
HARTMANN-NOYES

x = 90 mm – 3 ½"	436-430-090
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HARTMANN-WEINGÄRTNER

x = 85 mm – 3 ¼"	44-440-085
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HARTMANN

	x = 85 mm – 3 ¼"
2.0 mm Ø	44-454-020
2.5 mm Ø	44-454-025
3.0 mm Ø	44-454-030

STRUEMPEL



	x = 85 mm – 3 ¼"
0°	44-460-085



45°	44-461-085
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90°	44-463-085
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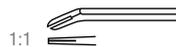


Mikro-Ohrzängchen
Micro ear forceps

Micro pinces auriculaires
Micro-pinzas auriculares
Micro-pinze auricolari



MCGEE

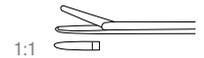


3.5 mm x 0.8 mm

344-366-500

Drahtbiegezängchen
Wire bending forceps
Pince pour plier fils métalliques
Pinza para plegar alambres
Pinza per piegare fili metallici

FULLER

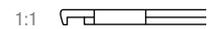
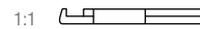
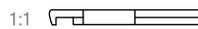


80 mm – 3 ¼ "

344-368-080

Einführungszängchen für Teflonprothesen
Introducing forceps for teflon prosthesis
Pince pour introduction pour prothèses de téflon
Pinza para introducir para prótesis de teflon
Pinza per introduzione di protesi in teflon

DIETER



x = 80 mm – 3 ¼ "

344-381-010

344-381-020

436-007-060

436-007-070

Hammerkopfzängchen
Malleus nipper
Pince pour l'os marteau
Pinza para cabezal del martillo
Pinza per testa del martelletto

oben schneidend
up-cutting
coupe en haut
corte arriba
tagliente in alto

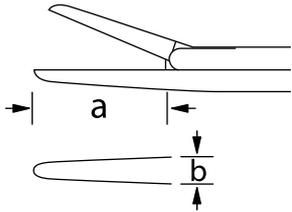
unten schneidend
down-cutting
coupe en bas
corte abajo
tagliente in basso

rechts schneidend
right-cutting
coupe à droite
corte derecha
tagliente a destra

links schneidend
left-cutting
coupe à gauche
corte izquierda
tagliente a sinistra

Mikro-Ohrzängchen
Micro ear forceps

Micro pinces auriculaires
Micro-pinzas auriculares
Micro-pinze auricolari



MINI MCGEE



a x b	x = 75 mm – 3"	x = 75 mm – 3"
3.5 mm x 0.6 mm	436-997-110	344-356-350

gerade, glatt
straight, smooth
droit, lisse
recta, lisa
retta, liscio

gerade, gerieft
straight, serrated
droit, strié
recta, estriada
retta, zigrinata



a x b	x = 75 mm – 3"	x = 75 mm – 3"	x = 75 mm – 3"
3.5 mm x 0.6 mm		344-346-350	436-997-270
4.0 mm x 0.8 mm	344-348-400	344-346-400	344-353-400

gerade, glatt
straight, smooth
droit, lisse
recta, lisa
retta, liscio

gerade, gerieft
straight, serrated
droit, strié
recta, estriada
retta, zigrinata

aufgebogen, gerieft
curved upwards, serrated
coudé en haut, strié
curvada arriba, estriada
curvata in alto, zigrinata



a x b	x = 75 mm – 3"	x = 75 mm – 3"	x = 75 mm – 3"
3.5 mm x 0.6 mm	436-997-280	436-997-290	344-355-400
4.0 mm x 0.8 mm	344-351-600	344-349-600	344-355-350

rechts gebogen, gerieft
curved to right, serrated
coudé à droite, strié
curvada a la derecha, estriada
curvata a destra, zigrinata

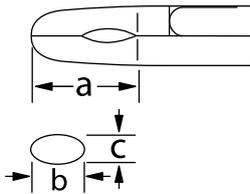
links gebogen, gerieft
curved to left, serrated
coudé à gauche, strié
curvada a la izquierda, estriada
curvata a sinistra, zigrinata

abwärts gebogen, gerieft
angled down, serrated
coudé en bas, strié
curvada à bajo, estriada
curvata in basso, zigrinata



Mikro-Ohrzängchen
Micro ear forceps

Micro pinces auriculaires
Micro-pinzas auriculares
Micro-pinze auricolari



	$x = 80 \text{ mm} - 3 \frac{1}{4}''$	$x = 80 \text{ mm} - 3 \frac{1}{4}''$
$a = 3.5 \text{ mm}$ $b = 0.6 \text{ mm} \times c = 0.5 \text{ mm}$	436-999-110	436-999-120
$a = 4.0 \text{ mm}$ $b = 1.0 \text{ mm} \times c = 0.9 \text{ mm}$	344-358-450	344-583-000

gerade, oval
straight, oval
droit, ovale
recta, ovalada
retta, ovale

aufgebogen, oval
curved upwards, oval
coudé en haut, ovale
curvada arriba, ovalada
curvata in alto, ovale



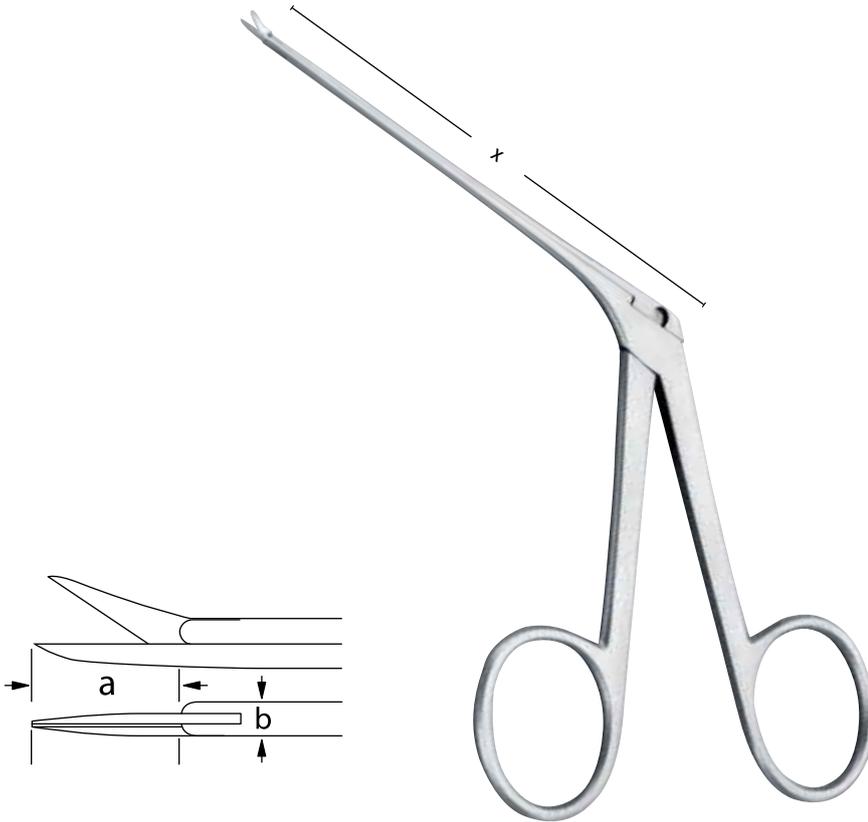
	$x = 80 \text{ mm} - 3 \frac{1}{4}''$	$x = 80 \text{ mm} - 3 \frac{1}{4}''$
$a = 3.5 \text{ mm}$ $b = 0.6 \text{ mm} \times c = 0.5 \text{ mm}$	436-999-130	436-999-140
$a = 4.0 \text{ mm}$ $b = 1.0 \text{ mm} \times c = 0.9 \text{ mm}$	344-361-450	344-359-450

rechts gebogen, oval
curved to right, oval
coudé à droite, ovale
curvada a la derecha,
ovalada
curvata a destra, ovale

links gebogen, oval
curved to left, oval
coudé à gauche, ovale
curvada a la izquierda,
ovalada
curvata a sinistra

Mikro-Ohrscheren
Micro ear scissors

Micro ciseaux auriculaires
Micro-tijeras para oídos
Micro-forbici auricolari



BELUCCI

1:1

1:1

a x b	x = 75 mm – 3"	x = 75 mm – 3"
4.0 mm x 0.8 mm	44-560-001	44-560-003

sehr fein
very fine
très fine
muy fina
molto delicata

gerade, spitz/spitz
straight, sharp/sharp
droit, pointue/pointue
recta, aguda/aguda
retta, acuta/acuta

aufgebogen, stumpf/stumpf
curved upwards, blunt/blunt
courbés en haut, mousse/mousse
curvada arriba, roma/roma
curvata in alto, smussa/smussa

1:1

1:1

a x b	x = 75 mm – 3"	x = 75 mm – 3"
4.0 mm x 0.8 mm	44-560-004	44-560-005

sehr fein
very fine
très fine
muy fina
molto delicata

rechts gebogen, spitz/spitz
curved to right, sharp/sharp
coudé à droite, pointue/pointue
curvada a la derecha, aguda/aguda
curvata a destra, acuta/acuta

links gebogen, spitz/spitz
curved to left, sharp/sharp
coudée à gauche, pointue/pointue
curvada a la izquierda, aguda/aguda
curvata a sinistra, acuta/acuta

1:1

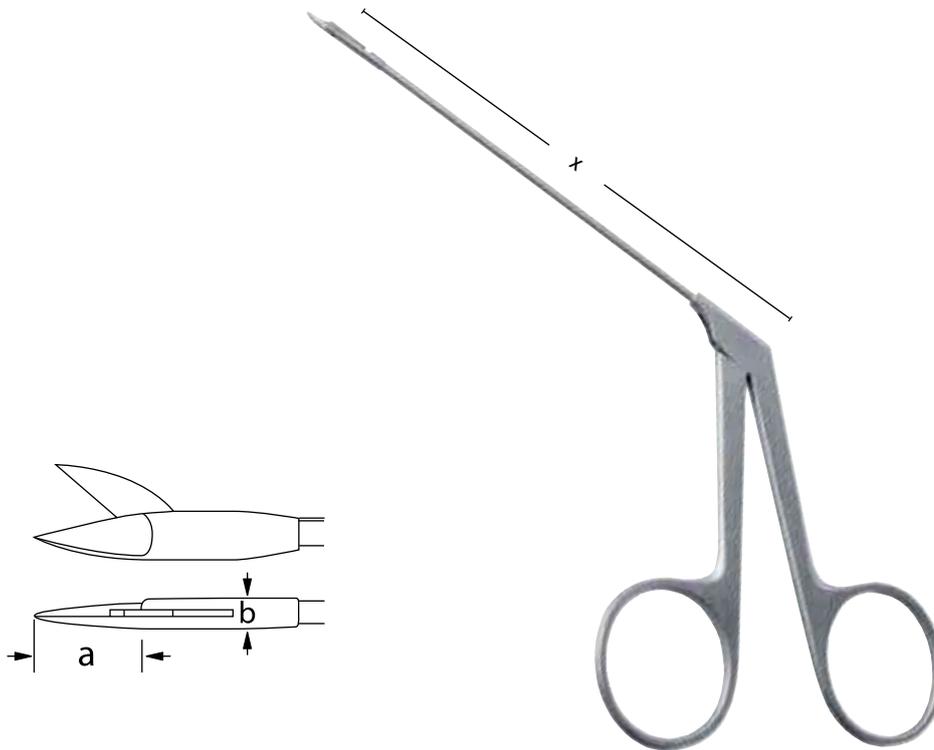
	x = 75 mm – 3"
4.0 mm x 0.8 mm	44-560-002

gerade, spitz/stumpf
straight, sharp/blunt
droit, pointue/mousse
recta, aguda/roma
retta, acuta/smussa



Mikro-Ohrscheren
Micro ear scissors

Micro ciseaux auriculaires
Micro-tijeras para oídos
Micro-forbici auricolari



WULLSTEIN

1:1

1:1

a x b	x = 80 mm – 3 ¼"	x = 80 mm – 3 ¼"
4.0 mm x 0.8 mm	344-416-000	344-419-000

gerade, spitz/spitz
straight, sharp/sharp
droit, pointue/pointue
recta, aguda/aguda
retta, acuta/acuta

aufgebogen, spitz/spitz
curved upwards, sharp/sharp
coudée en haut, pointue/pointue
curvada arriba, aguda/aguda
curvata in alto, acuta/acuta

WULLSTEIN

1:1

1:1

a x b	x = 80 mm – 3 ¼"	x = 80 mm – 3 ¼"
4.0 mm x 0.8 mm	344-423-000	344-425-000

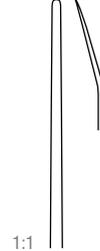
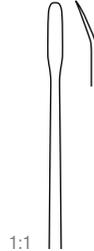
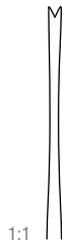
rechts gebogen, spitz/spitz
curved to right, sharp/sharp
coudé à droite, pointue/pointue
curvada a la derecha, aguda/aguda
curvata a destra, acuta/acuta

links gebogen, spitz/spitz
curved to left, sharp/sharp
coudée à gauche, pointue/pointue
curvado a la izquierda, aguda/aguda
curvata a sinistra, acuta/acuta

Ohr Mikro-Raspatorien und Sonden
Micro ear raspatories and probes

Micro rugines et sondes auriculaires
Micro-sondas y raspatorios auriculares
Micro-raspatori e sonde auricolari

PLESTER

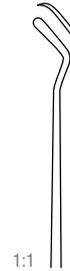


160 mm – 6 1/4"	344-740-160	344-746-002	344-746-000
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Führungsgabel
Wire guide
Fourchette d'introduction
Tenedor guía
Forchetta guida

Raspatorium
Raspatory
Rugine
Raspatorio
Raspatorio

Elevatorium
Elevator
Élévateur
Elevador
Elevatorio

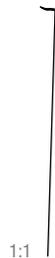
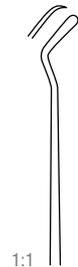


	1.8 mm	1.0 mm	
160 mm – 6 1/4"	344-746-003	436-032-220	344-746-005

Raspatorium
Raspatory
Rugine
Raspatorio
Raspatorio

Raspatorium
Raspatory
Rugine
Raspatorio
Raspatorio

Dissektor, doppelt links gebogen
Dissector, double curved left
Dissecteur, double courbe à gauche
Disector, doble curvado a la izquierda
Dissettore doppio curvato a sinistra



160 mm – 6 1/4"	344-746-007	344-764-160
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Dissektor, doppelt rechts gebogen
Dissector, double curved right
Dissecteur, double courbe à droite
Disector, doble curvado a la derecha
Dissettore, doppio curvato a destra

Handinstrument zum Andrücken von Drahtprothesen
Instrument for placing wire prothesis
Instrument pour mettre en place des protheses en fils métalliques
Instrumento para posicionar prótesis de alambre
Strumento per posizionare prothesi di fili metallici

HOUSE

	160 mm – 6 1/4"
3.5 mm	344-762-350
4.0 mm	344-762-400
4.5 mm	344-762-450
5.0 mm	344-762-500

Messsonde
Measuring rod
Sonde à mesurer
Sonda para medir
Sonda per misurare



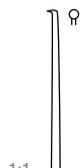
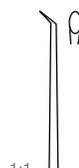
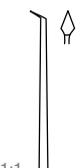


Ohrsichelmesser – Rundschnittemesser
Ear sickle knife – Circular cutting knives

Couteaux faucilles – Couteaux ronds
Cuchillos en forma de hoz – Cuchillos redondos
Coltelli auricolari



ROSEN

			
1:1	1:1	1:1	1:1
1.5 mm Ø – 90°	45°	45°	
160 mm – 6 ¼"	344-704-160	344-705-160	436-962-020
			436-962-030

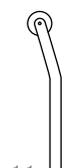
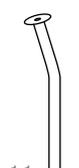
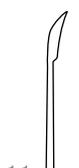
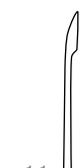
Rundschnittemesser
Circular cutting knife
Couteau rond
Cuchillo redondo
Coltello rotondo

Trommelfellmesser
Tympanum knife
Couteau pour le tympan
Cuchillo para el tímpano
Coltello per timpani

Lanzennmesser
Lancet knife
Couteau lancéolaire
Cuchillo lanceado
Coltello lanceolato

Lanzennmesser
Lancet knife
Couteau lancéolaire
Cuchillo lanceado
Coltello lanceolato

SCHUHKNECHT

			
1:1	1:1	1:1	1:1
160 mm – 6 ¼"	344-697-010	344-697-020	
			344-703-160
			344-700-150

Rollermesser, parallel
Roller knife, parallel
Couteau à lame, tournante, verticale
Cuchillo redondo, vertical
Coltello rotondo, parallelo

Rollermesser, rechtwinklig
Roller knife, right angled
Couteau à lame, tournante, horizontale
Cuchillo redondo, horizontal
Coltello rotondo, orizzontale

Sichelmesser, leicht gebogen
Sickle knife, slightly curved
Couteau faucille, légèrement courbe
Cuchillo de hoz, ligeramente curvado
Coltello a ferma di falce, leggermente curvo

Diszisionsmesser, gerade
Discision knife, straight
Couteau à discision, droit
Cuchillo de discición, recto
Coltello di dissezione, retto

PLESTER

			
1:1	1:1	1:1	1:1
160 mm – 6 ¼"	344-702-350	45°	160 mm – 6 ¼"
		3.0 mm Ø	344-705-300
		2.6 mm Ø	344-705-260
		2.0 mm Ø	344-705-200
		1.6 mm Ø	344-705-160
		1.0 mm Ø	344-705-100

Lappenmesser
Flap knife
Couteau à lambeaux
Cuchillo para lóbulos
Coltello per stacci

Rundschnittemesser
Circular cutting knife
Couteau rond
Cuchillo redondo
Coltello rotondo

Raspatorium
Raspatory
Rugine
Raspatorio
Raspatorio

Raspatorium
Raspatory
Rugine
Raspatorio
Raspatorio

1:1

Mikro-Ohrinstrumente

Instruments for micro ear surgery

Instruments pour la micro-chirurgie auriculaire

Instrumentos para la micro-cirugía auricular

Strumenti per micro-chirurgia auricolare



ZÖLLNER



1:1



1:1



1:1

90°	90°	
344-713-001	344-713-002	344-713-003

Rundschnittmesser, nach oben gebogen

Round knife, angled up
Coureau rond, coudé en haut
Cuchillo redondo, angulado arriba
Coltello rotondo, angolato in alto

Rundschnittmesser, nach unten gebogen

Round knife, angled down
Coureau rond, coudé en bas
Cuchillo redondo, angulado a bajo
Coltello rotondo, angolato in basso

Sichelmesser, nach oben gebogen

Sickle knife, angled up
Coureau faucille, courbe vers le haut
Cuchillo de hoz, angulado arriba
Coltello a forma di falce, angolato in alto



1:1



1:1



1:1

344-713-004	344-713-005	344-713-006
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Sichelmesser, nach unten gebogen

Sickle knife, angled down
Coureau faucille, courbe vers le bas
Cuchillo de hoz, angulado a bajo
Coltello a forma di falce, curvato in basso

Lanzenmesser, links gebogen

Lancet knife, curved to left
Coureau lancéolaire, courbe à gauche
Cuchillo lancelado, angulado a la izquierda
Coltello lancelato, curvato a sinistra

Lanzenmesser, rechts gebogen

Lancet knife, curved to right
Coureau lancéolaire, courbe à droite
Cuchillo lancelado, angulado a la derecha
Coltello lancelato, curvato a destra



1:1



1:1



1:1

344-713-007	344-713-008	344-713-009
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Raspatorium, links gebogen

Raspatory, curved to left
Décolleur, courbe à gauche
Raspatorio, angulado a la izquierda
Raspatorio, curvato a sinistra

Raspatorium, rechts gebogen

Raspatory, curved to right
Décolleur, courbe à droite
Raspatorio, angulado a la derecha
Raspatorio, curvato a destra

Führungsgabel

Wire guide
Fourchette d'introduction
Tenedor guía
Forchetta guida



Mikro-Ohrinstrumente

Instruments for micro ear surgery

Instruments pour la micro-chirurgie auriculaire

Instrumentos para la micro-cirugía auricular

Strumenti per micro-chirurgia auricolare



ZÖLLNER



	0.5 mm – 45°	0.5 mm – 45°
344-715-001	344-715-002	344-715-003

Nadel fein, gerade, spitz
Needle fine, straight, sharp
Aiguille fine, droite, pointue
Aguja fina, recta, aguda
Ago fino, retto, acuto

Häkchen, nach oben gebogen
Hook, angled up
Crochet, coudé en haut
Gancho, curvado arriba
Uncino, curvato in alto

Häkchen, nach unten gebogen
Hook, angled down
Crochet, coudé en bas
Gancho, curvado a bajo
Uncino, curvato in basso



0.5 mm – 90°	0.5 mm – 90°	1.0 mm – 45°
344-715-004	344-715-005	344-715-006

Häkchen, nach oben gebogen
Hook, angled up
Crochet, coudé en haut
Gancho, curvado arriba
Uncino, curvato in alto

Häkchen, nach unten gebogen
Hook, angled down
Crochet, coudé en bas
Gancho, curvado a bajo
Uncino, curvato in basso

Häkchen, nach oben gebogen
Hook, angled up
Crochet, coudé en haut
Gancho, curvado arriba
Uncino, curvato in alto



1.0 mm – 45°	1.0 mm	1.0 mm
344-715-007	344-715-008	344-715-009

Häkchen, nach unten gebogen
Hook, angled down
Crochet, coudé en bas
Gancho, curvado a bajo
Uncino, curvato in basso

Häkchen, rund nach oben gebogen
Hook, curved up
Crochet, courbure rond vers le haut
Gancho, redondo, curvado arriba
Uncino, rotondo, curvato in alto

Häkchen, rund nach unten gebogen
Hook, curved down
Crochet, courbure rond ver le bas
Gancho, redondo, curvado a bajo
Uncino, rotondo, curvato in basso

Mikro-Ohrnadeln und Häkchen

Micro ear needles and hooks

Micro-aiguilles et crochets auriculaires

Micro-agujas y ganchos auriculares

Micro-uncini ed aghi auricolari



BARBARA 1:1

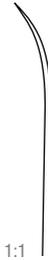
160 mm – 6 ¼ "	160 mm – 6 ¼ "	160 mm – 6 ¼ "
344-706-150	344-707-150	344-709-150

Nadel fein, gerade, spitz
Needle fine, straight, sharp
Aiguille fine, droite, pointue
Aguja fina, recta, aguda
Ago fino, retto, acuto



1:1

stumpf/gewinkelt
blunt/angled
mousse/coudée
roma/angulada
smusso/angolato



1:1

Nadel, leicht gebogen, spitz
Needle, slightly curved, sharp
Aiguille, légèrement courbe, pointue
Aguja, ligeramente curva, aguda
Ago, leggermente curvato, acuto



1:1

ROSEN 1:1

160 mm – 6 ¼ "
344-711-150

Nadel, stark gebogen, spitz
Needle, strong curved, sharp
Aiguille, très courbe, pointue
Aguja, muy curvada, aguda
Ago, fortemente curvato, acuto



1:1

0.3 mm	344-716-030
0.6 mm	344-716-060
1.0 mm	344-716-100

1:1

0.3 mm	344-718-030
0.6 mm	344-718-060
1.0 mm	344-718-100
1.2 mm	344-718-120
1.5 mm	344-718-150
2.0 mm	344-718-200
2.5 mm	344-718-250

1:1

0.3 mm	344-720-030
0.6 mm	344-720-060
1.0 mm	344-720-100
1.2 mm	344-720-120
1.5 mm	344-720-150
2.0 mm	344-720-200
2.5 mm	344-720-250

1:1

0.5 mm	344-721-050
1.0 mm	344-721-100

PLESTER

1:1

0.4 mm – 90°	436-029-090
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Fussplattenhäkchen, abgewinkelt, stumpf
Foot plate hook, angled, blunt
Crochet pour la platine de l'étrier, mousse
Gancho, para placa de oído, romo
Uncino per placca di piede, smusso

PLESTER

1:1

0.4 mm – 45°	436-029-045
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Antrum Häkchen, aufgewinkelt, stumpf
Antrum hook, angled, blunt
Crochet pour l'antrum, coudé, mousse
Gancho para el antrum, acodado, romo
Uncino per antrum, angolato in alto, smusso

1:1

160 mm – 6 ¼ "	0.6 mm
436-032-410	

Häkchen, retrograd gebogen
Hook, retrograd
Crochet, courbe retrograde
Gancho, acodado, retrógrado
Uncino, curvato reterogrado



Mikro-Ohrnadeln und Häkchen Micro ear needles and hooks

Micro-aiguilles et crochets auriculaires
Micro-agujas y ganchos auriculares
Micro-uncini ed aghi auricolari



SHAMBAUGH



	160 mm – 6 ¼ "	160 mm – 6 ¼ "
	90°	90°
0.3 mm	344-726-030	344-728-030
0.6 mm	344-726-060	344-728-060
1.0 mm	344-726-100	344-728-100

Häkchen, nach oben gebogen
Hook, curved up
Crochet, coudé en haut
Gancho, curvado arriba
Uncino, curvato in alto

Häkchen, nach unten gebogen
Hook, curved down
Crochet, coudé en bas
Gancho, curvado abajo
Uncino, curvato in basso

BARBARA



	0.5 mm
155 mm – 6 "	344-732-150

MCGEE



	160 mm – 6 ¼ "	160 mm – 6 ¼ "
0.5 mm	344-729-050	344-731-050
1.0 mm	344-729-100	344-731-100

Häkchen, rund, nach oben gebogen
Hook, round, curved up
Crochet, courbé ronde, vers le haut
Gancho, redondo, curvado arriba
Uncino, rotondo, curvato in alto

Häkchen, rund, nach unten gebogen
Hook, round, curved down
Crochet, courbé ronde vers le bas
Gancho, redondo, curvado arriba
Uncino, rotondo, curvato in basso

ROSEN



	0.5 mm
160 mm – 6 ¼ "	344-733-150

Nadel, leicht gebogen
Needle, slightly curved
Aiguille, légèrement courbée
Aguja, ligeramente curvado
Ago, legermente curvato

MCGEE



	160 mm – 6 ¼ "			
	25°	25°	45°	45°
0.3 mm	344-737-030	344-739-030	344-741-030	344-743-030
0.6 mm	344-737-060	344-739-060	344-741-060	344-743-060
1.0 mm	344-737-100	344-739-100	344-741-100	344-743-100

Häkchen, nach oben gebogen
Hook, curved up
Crochet, coudé en haut
Gancho, curvado arriba
Uncino, curvato in alto

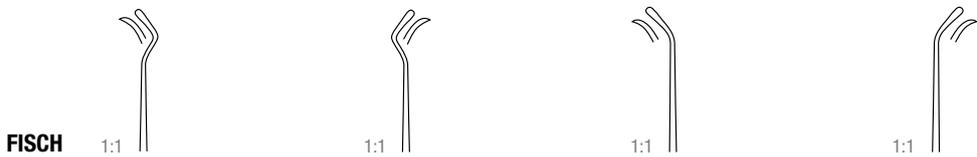
Häkchen, nach unten gebogen
Hook, curved down
Crochet, coudé en bas
Gancho, curvado abajo
Uncino, curvato in basso

Häkchen, nach oben gebogen
Hook, curved up
Crochet, coudé en haut
Gancho, curvado arriba
Uncino, curvato in alto

Häkchen, nach unten gebogen
Hook, curved down
Crochet, coudé en bas
Gancho, curvado abajo
Uncino, curvato in basso

Mikro-Ohrspatorien
Micro ear raspatories

Micro-raspateurs auriculaires
Micro-raspatorias auriculares
Micro-raspatori auricolari



FISCH	1:1	1:1	1:1	1:1
155 mm – 6"	155 mm – 6"	155 mm – 6"	155 mm – 6"	155 mm – 6"
344-747-160	344-749-160	344-751-160	344-753-160	

rechts abgewinkelt
angled to the right
coudé à droite
angulado por la derecha
angulato a destra

links abgewinkelt
angled to the left
coudé à gauche
angulado por la izquierda
angulato a sinistra

rechts abgewinkelt
angled to the right
coudé à droite
angulado por la derecha
angulato a destra

links abgewinkelt
angled to the left
coudé à gauche
angulado por la izquierda
angulato a sinistra



1:2

336-811-000

Rack für 8 Mikro-Ohr-Instrumente mit Sechs- oder Achtkantgriff
Rack for 8 each micro ear instruments with hexagonal or octagonal handle
Etagère pour 8 micro-instruments avec manches hexagonales o octogonales
Soporte para 8 micro-instrumentos con mangos hexagonales o octogonales
Supporto per 8 strumenti micro con manico esagonale e ottagonale

1:1



Mikro-Ohrlöffel

Micro ear spoons

Micro-curettes auriculaires

Micro-curetas auriculares

Micro-cucchiai auricolari



HOUSE

170 mm – 6 3/4"	344-754-010
-----------------	-------------

Löffel, stark gebogen
Spoon, strong curved
Curette, fortement coudée
Cureta, muy curvada
Cucchaio, fortemente curvato

170 mm – 6 3/4"	344-754-020
-----------------	-------------

Löffel, leicht gebogen
Spoon, slightly curves
Curette, légèrement coudée
Cureta, ligeramente curvada
Cucchaio, legeremente curvato

1:1



SHEA

	1:1	1:1
	1.5 mm x 2.5 mm	1.5 mm x 2.5 mm
160 mm – 6 1/4"	344-760-010	344-760-020

gerade
straight
droits
recta
retto

abgewinkelt
angled
condé
angulado
angulato

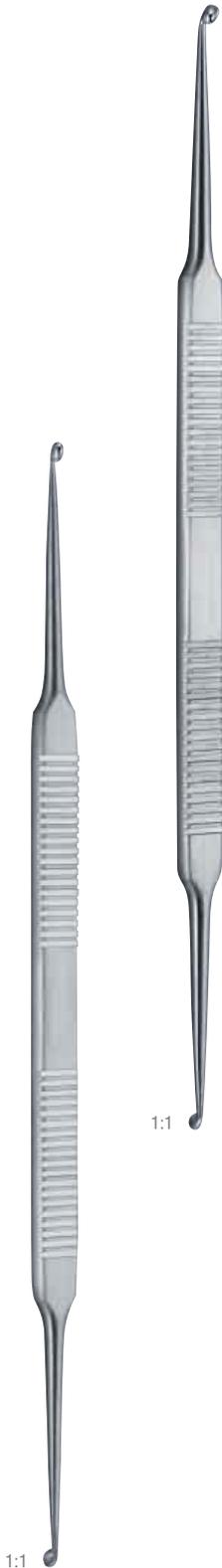
Mikro-Ohrlöffel

Micro ear spoons

Micro-curettes auriculaires

Micro-curetas auriculares

Micro-cucchiai auricolari



HOUSE



	1.0 mm Ø und 1.2 mm Ø	1.5 mm Ø und 1.8 mm Ø
150 mm – 6"	344-758-010	344-758-020

Löffel stark gebogen
Spoon strong curved
Curette fortement coudée
Cureta, muy curvada
Cucchaio, fortemente curvato

Löffel stark gebogen
Spoon strong curves
Curette fortement coudée
Cureta, muy curvada
Cucchaio, fortemente curvato

HOUSE



	1.0 mm Ø und 1.2 mm Ø	1.5 mm Ø und 1.8 mm Ø
150 mm – 6"	344-756-010	344-756-020

Löffel, leicht gebogen
Spoon, slightly curved
Curette, légèrement coudée
Cureta, ligeramente curvada
Cucchaio, legeremente curvato

Löffel, leicht gebogen
Spoon, slightly curved
Curette, légèrement coudée
Cureta, ligeramente curvada
Cucchaio, legeremente curvato

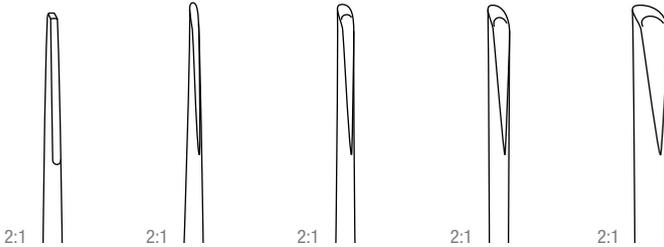


Mikro-Ohrmeißel und Hämmer Micro ear chisels and hammers

*Micro burins et marteaux auriculaires
Micro cincels y martillos para orejas
Micro scalpelli e martelli per orecchio*



1:1



HEERMANN

0.7 mm	0.7 mm	1.0 mm	1.5 mm	3.0 mm
436-076-010	436-076-020	436-076-040	436-076-050	436-076-060

Flachmeißel Chisel Ciseaux Escoplo Scalpello	Hohlmeißel Gouge Gouge Gouge Gubia Sgorbia	Hohlmeißel Gouge Gouge Gouge Gubia Sgorbia	Hohlmeißel Gouge Gouge Gouge Gubia Sgorbia	Hohlmeißel Gouge Gouge Gouge Gubia Sgorbia
---	--	--	--	--



HEERMANN

436-076-100

Handgriff für Meißel (436-076-010 – 436-076-050)
Handle for chisels (436-076-010 – 436-076-050)
Manche pour ciseaux (436-076-010 – 436-076-050)
Mango para escoplos (436-076-010 – 436-076-050)
Manico per scalpelli/sgorbie (436-076-010 – 436-076-050)



1:2

HEERMANN

195 mm – 7 3/4" 436-076-150

Hammer, Metall
Metal hammer
Maillet en métal
Martillo, de metal
Martello, acciaio



1:2

COTTLE

	240 g
185 mm – 7 1/4"	67-620-185

Hammer, Metall
Metal hammer
Maillet en métal
Martillo, de metal
Martello, acciaio

Ohrspatorien
Ear raspatories

Raspateurs auriculaires
Rasatorias auriculares
Raspori auricolari



1:1

WULLSTEIN

160 mm – 6 ¼"	344-744-160	344-745-160
---------------	-------------	-------------

gerade
straight
droite
recta
rette

gebogen
curved
courbe
curva
curvo



1:1



1:1



1:1

1:1



1:1

ROSEN

	1.5 mm	2.5 mm
175 mm – 7"	344-759-010	344-759-020

bajonettförmig
bayonet shaped
en forme de baionette
en forma de bayoneta
forma a baionetta

bajonettförmig
bayonet shaped
en forme de baionette
en forma de bayoneta
forma a baionetta

LEMPERT

3.0 mm
160 mm – 6 ¼"
344-761-160

1:1



Ohr-Knochenstanzen
Bone rongeurs
Rongeurs auriculaires
Pinzas osteótomos auriculares
Conchotomi auricolari



CITELLI

x = 60 mm	170 mm – 6 ¾"
1.5 mm	29-140-001



2.2 mm	29-140-002
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3.0 mm	29-140-003
--------	------------



1:2



1:2

KERRISON

	200 mm – 8"	3 x 3 mm	4 x 4 mm	5 x 5 mm	6 x 6 mm
	x = 80 mm	29-280-003	29-280-004	29-280-005	29-280-006

Ohr-Knochenstanzen

Bone rongeurs

Rongeurs auriculaires

Pinzas osteótomos auriculares

Conchotomi auricolari



BEYER

	1 mm
140 mm – 5 ½"	29-170-000



BEYER

	2 mm
190 mm – 7 ½"	29-172-000



Bohrer
Burrs
Fraises
Brocas
Perforatori

hinschieben



„ROSEN“-BOHRER 1:1

	0.6 mm Ø	0.7 mm Ø	0.8 mm Ø	1.0 mm Ø	1.4 mm Ø	1.8 mm Ø	2.3 mm Ø	2.7 mm Ø
70 mm – 2 ¾"	337-850-060	337-850-070	337-850-080	337-850-100	337-850-140	337-850-180	337-850-230	337-850-270

„Rosen“-Bohrer, 70 mm lang, Schaft-Ø 2.35 mm, rostfrei
 “Rosen” burrs, 70 mm long, shank diameter 2.35 mm, stainless
 Fraises de «Rosen», 70 mm de long, Ø de tige 2.35 mm, inoxydables
 Brocas “Rosen”, largo 70 mm, vástago-Ø 2.35 mm, inoxidable
 Perforatori “Rosen”, 70 mm lungo, asta Ø 2.35 mm, inossidabili

1:1

	3.1 mm Ø	3.5 mm Ø	4.0 mm Ø	4.5 mm Ø	5.0 mm Ø	6.0 mm Ø	7.0 mm Ø
70 mm – 2 ¾"	337-850-310	337-850-350	337-850-400	337-850-450	337-850-500	337-850-600	337-850-700

„ROSEN“-BOHRER 1:1

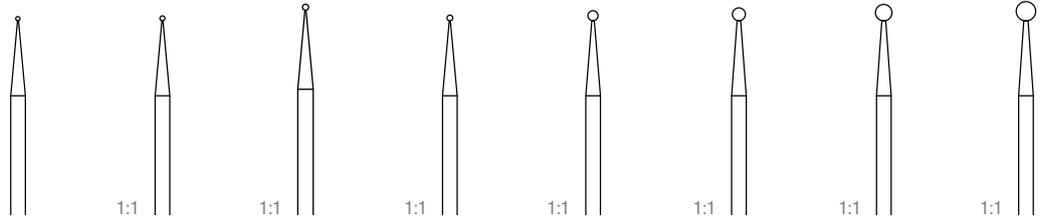
	1.4 mm Ø	1.8 mm Ø	2.3 mm Ø	2.7 mm Ø	3.1 mm Ø	3.5 mm Ø
95 mm – 3 ¾"	337-852-140	337-852-180	337-852-230	337-852-270	337-852-310	337-852-350

„Rosen“-Bohrer, 95 mm lang, Schaft-Ø 2.35 mm, rostfrei
 “Rosen” burrs, 95 mm long, shank diameter 2.35 mm, stainless
 Fraises de «Rosen», 95 mm de long, Ø de tige 2.35 mm, inoxydables
 Brocas “Rosen”, largo 95 mm, vástago-Ø 2.35 mm, inoxidable
 Perforatori “Rosen”, 95 mm lungo, asta Ø 2.35 mm, inossidabili

1:1

	4.0 mm Ø	4.5 mm Ø	5.0 mm Ø	6.0 mm Ø	7.0 mm Ø
95 mm – 3 ¾"	337-852-400	337-852-450	337-852-500	337-852-600	337-852-700

Bohrer
Burrs
Fraises
Brocas
Perforatori

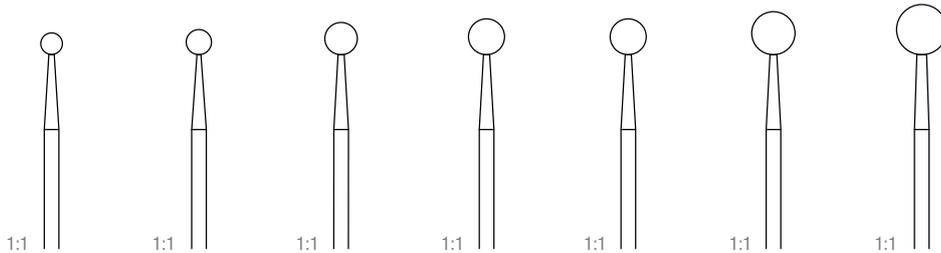


DIAMANTBOHRER

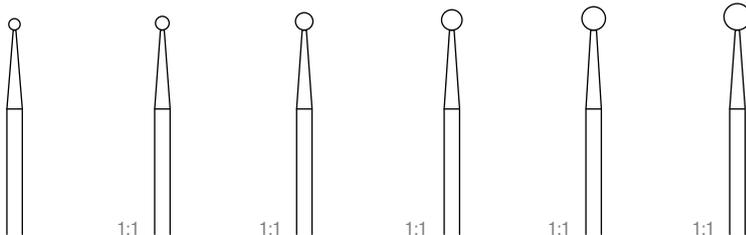
	0.6 mm Ø	0.7 mm Ø	0.8 mm Ø	1.0 mm Ø	1.5 mm Ø	1.8 mm Ø	2.3 mm Ø	2.7 mm Ø
70 mm – 2¾"	339-176-060	339-176-070	339-176-080	339-176-100	339-176-150	339-176-180	339-176-230	339-176-270

Diamantbohrer, 70 mm lang, Schaft-Ø 2.35 mm

Diamond dust polishing burrs, 70 mm long, shank diameter 2.35 mm
Fraises à polir, diamantées, 70 mm de long, Ø de tige 2.35 mm
Brocas diamantadas, largo 70 mm, vástago-Ø 2.35 mm
Perforatori diamantati, 70 mm lungo, asta Ø 2.35 mm



	3.0 mm Ø	3.5 mm Ø	4.0 mm Ø	4.5 mm Ø	5.0 mm Ø	6.0 mm Ø	7.0 mm Ø
70 mm – 2¾"	339-176-300	339-176-350	339-176-400	339-176-450	339-176-500	339-176-600	339-176-700

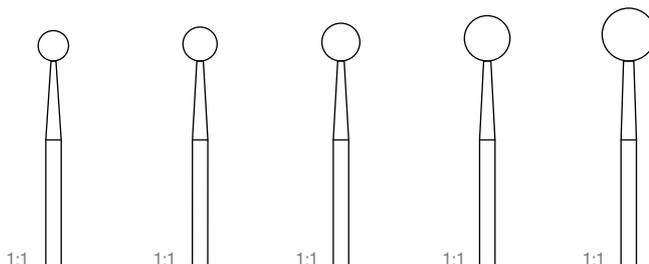


DIAMANTBOHRER

	1.5 mm Ø	1.8 mm Ø	2.3 mm Ø	2.7 mm Ø	3.0 mm Ø	3.5 mm Ø
95 mm – 3¾"	339-178-150	339-178-180	339-178-230	339-178-270	339-178-300	339-178-350

Diamantbohrer, 95 mm lang, Schaft-Ø 2.35 mm

Diamond dust polishing burrs, 95 mm long, shank diameter 2.35 mm
Fraises à polir, diamantées, 95 mm de long, Ø de tige 2.35 mm
Brocas diamantadas, largo 95 mm, vástago-Ø 2.35 mm
Perforatori diamantati, 95 mm lungo, asta Ø 2.35 mm



	4.0 mm Ø	4.5 mm Ø	5.0 mm Ø	6.0 mm Ø	7.0 mm Ø
95 mm – 3¾"	339-178-400	339-178-450	339-178-500	339-178-600	339-178-700



Nasenspekula
Nasal specula

Spéculums nasaux
Espéculos nasales
Specoli nasali

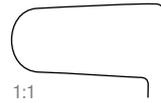


1:2

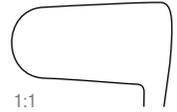
THUDICHUM
(GOLDSMITH)



1:1



1:1



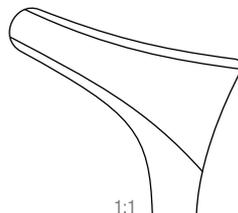
1:1

	21 mm x 9.5 mm	21 mm x 10.5 mm	21 mm x 11.5 mm
65 mm – 2½"	346-046-010	346-046-020	346-046-030

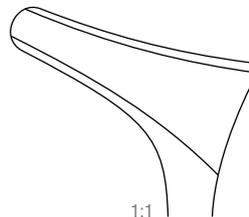


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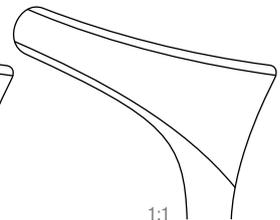
HARTMANN



1:1



1:1



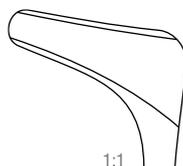
1:1

160 mm – 6¼"	46-021-001	46-021-002	46-021-003
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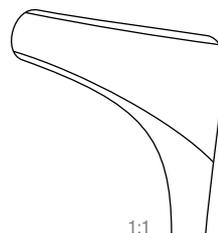


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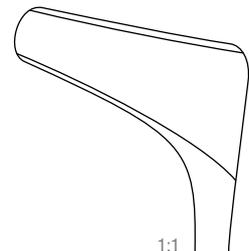
HARTMANN-HALLE



1:1



1:1



1:1

150 mm – 6"	46-031-001	46-031-002	46-031-003
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Nasenspekula

Nasal specula

Spéculums nasaux

Espéculos nasales

Specoli nasali



1:2

TIECK-HALLE

1:1

135 mm – 5 ¼"

46-061-000

für Säuglinge
for babies
pour nourrissons
para lactantes
per lattanti



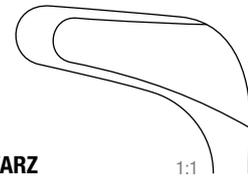
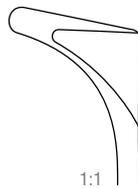
1:2

SCHWARZ

1:1

140 mm – 5 ½"

436-837-140



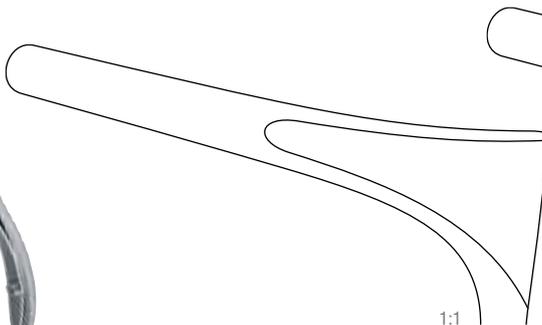
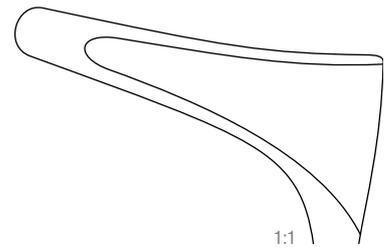
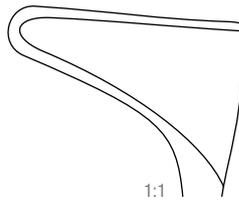
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KILLIAN

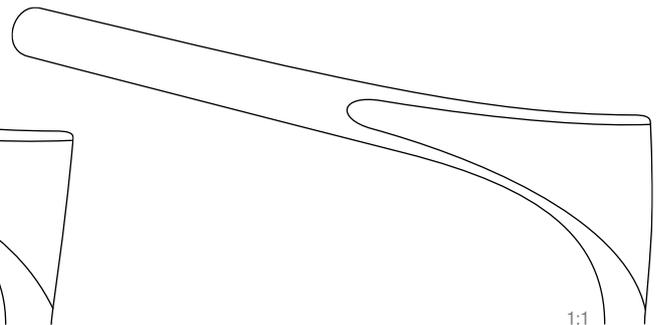
1:1

1:1

	x = 35 mm	x = 50 mm
130 mm – 5"	46-041-001	46-041-002



1:1



1:1

	x = 75 mm	x = 90 mm
130 mm – 5"	46-041-003	46-041-004

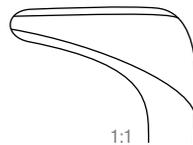


Nasenspekula
Nasal specula
Spéculums nasaux
Espéculos nasales
Specoli nasali

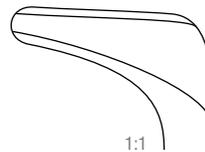


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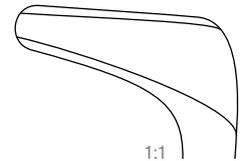
BECKMANN



1:1



1:1



1:1

150 mm – 6"

436-845-001

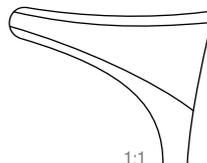
436-845-002

436-845-003

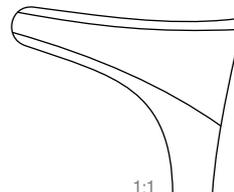


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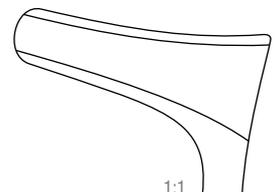
MOD. WIEN



1:1



1:1



1:1

145 mm – 5 ¾"

46-051-001

46-051-002

46-051-003

Nasenspekula

Nasal specula

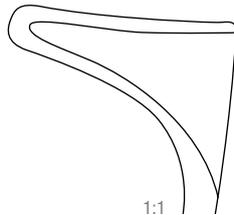
Spéculums nasaux

Espéculos nasales

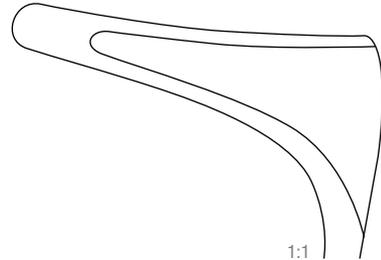
Specoli nasali



1:2



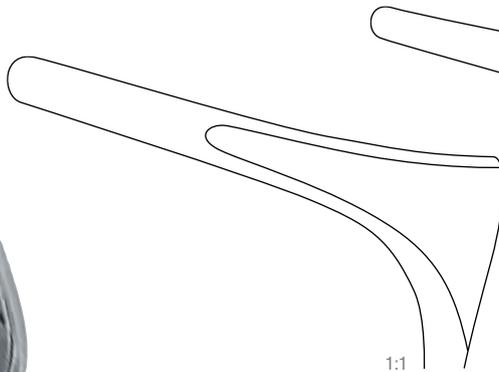
1:1



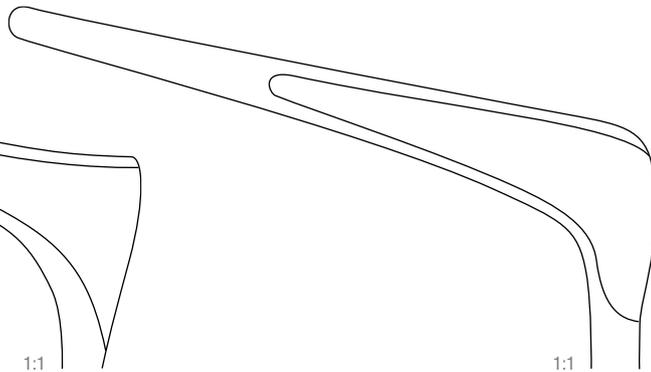
1:1

COTTLE

	x = 35 mm	x = 50 mm
150 mm – 6"	46-071-035	46-071-050

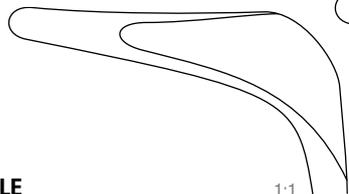


1:1

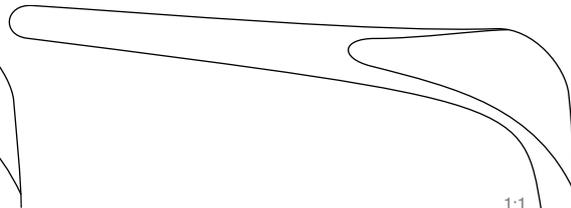


1:1

	x = 75 mm	x = 90 mm
150 mm – 6"	46-071-075	46-071-090



1:1



1:1

COTTLE

	x = 35 mm	x = 50 mm
140 mm – 5 ½"	346-122-350	346-122-500

schwarz verchromt
black, chrome plated
chromé en noir
cromado en negro
cromato nero

	x = 75 mm	x = 90 mm
140 mm – 5 ½"	346-122-750	346-122-900

schwarz verchromt
black, chrome plated
chromé en noir
cromado en negro
cromato nero



1:2



Nasenpolypenzangen – Septumzangen
Nasal polypus and septum forceps

Pinces à polypes et la cloison nasale
Pinzas para pólipos y el tabique nasal
Pinze per polipi e setto nasale



WESTMACOTT

200 mm – 8"	437-117-200
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LUBET-BARBON

200 mm – 8"	346-161-200
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HARTMANN

160 mm – 6¼"	46-221-160
200 mm – 8"	46-221-200

Nasenpolypenzangen – Septumzangen

Nasal polypus and septum forceps

Pinces à polypes et la cloison nasale

Pinzas para pólipos y el tabique nasal

Pinze per polipi e setto nasale



TILLEY

140 mm – 5½"

344-239-140



HEYMANN-KNIGHT

180 mm – 7"

346-165-180



CRAIG

180 mm – 7"

437-209-180



Nasentamponzange

Nasal dressing forceps

Pince à pansement pour le nez

Pinza nasal para taponamiento

Pinza per tamponamento nasale



NOYES

x = 110 mm – 3½"

436-431-090

1 x 2

Nasenpolypenzangen
Nasal polypus

Pinces à polypes nasales
Pinzas para pólipos nasales
Pinze per polipi nasali



1:2

HEYMANN

1:1



1:1



1:1



180 mm – 7"

346-177-010

346-177-020

346-177-030



1:2

LITTAUER

180 mm – 7"

346-163-180

1:1



1:2

KNIGHT

180 mm – 7"

346-181-180

1:1





Scharfe Nasenzangen
Nasal cutting forceps

Pinces coupantes pour le nez
Pinzas nasales cortantes
Pinze taglianti per naso



1:2

LUC

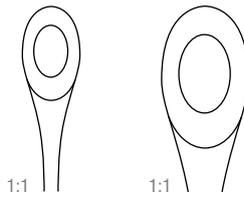


	Fig. 1	Fig. 2
200 mm – 8"	346-193-010	346-193-020

gefenstert
fenestrated
fenêtré
fenestrado
finestrato

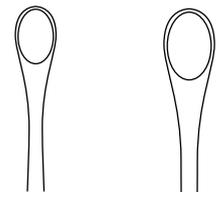


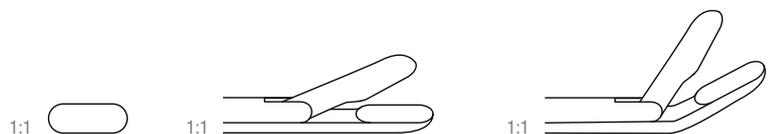
	Fig. 1	Fig. 2
	346-191-010	346-191-020

voll
plaine
pleine
lleno
pieno



1:2

TAKAHASHI



	3.5 mm x 10 mm	3.5 mm x 10 mm
x = 120 mm – 4¾"	437-231-120	437-233-120

Scharfe Nasenzangen
Nasal cutting forceps

Pinces coupantes pour le nez
Pinzas nasales cortantes
Pinze taglienti per naso



BRUENINGS



190 mm – 7 1/2"

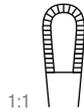
46-251-001

46-251-002

46-251-003

46-251-004

1:2



WEIL

WATSON-WILLIAMS

x = 120 mm – 4 3/4"

437-245-120

437-237-100

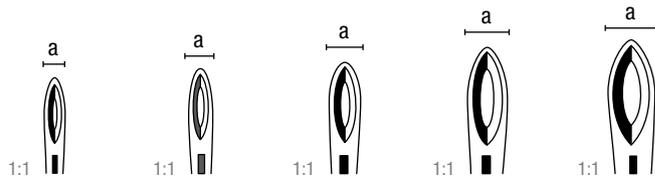
346-235-010

1:2



Scharfe Nasenzangen
Nasal cutting forceps

Pinces coupantes pour le nez
Pinzas nasales cortantes
Pinze taglianti per naso



**WEIL-
BLAKESLEY**

Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
a = 3.0 mm	a = 3.5 mm	a = 4.5 mm	a = 5.0 mm	a = 5.5 mm

0°	x = 120 mm – 4 ¾"	46-321-001	46-321-002	46-321-003	46-321-004	46-321-005
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45°	x = 120 mm – 4 ¾"	46-319-001	46-319-002	46-319-003	46-319-004
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90°	x = 120 mm – 4 ¾"	46-317-001	46-317-002	46-317-003
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Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5
a = 3.0 mm	a = 3.5 mm	a = 4.5 mm	a = 5.0 mm	a = 5.5 mm

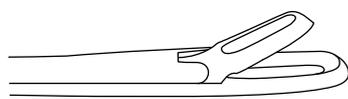
45°	x = 180 mm – 7"	346-223-010	346-223-020	346-223-030	346-223-040	346-223-050
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90°	x = 180 mm – 7"	346-225-010	346-225-020	346-225-030	346-225-040
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HARTMANN



x = 120 mm – 4 ¾"	46-371-005	46-371-007	46-371-009	46-371-011
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MYLES

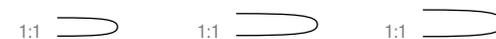


	Fig. 1	Fig. 2	Fig. 3
	2.0 x 10.0 mm	2.5 x 12.0 mm	3.0 x 14.0 mm
x = 120 mm – 4 ¾"	346-233-010	346-233-020	346-233-030

1:2

Scharfe Nasenzangen
Nasal cutting forceps

Pinces coupantes pour le nez
Pinzas nasales cortantes
Pinze taglianti per naso

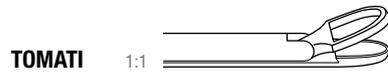


1:2



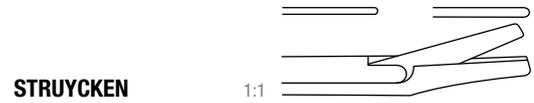
SCHMEDEN

x = 120 mm – 4 3/4"	46-375-001	46-375-002	46-375-003
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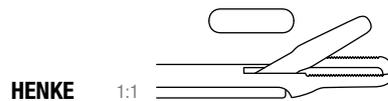
TOMATI

x = 120 mm – 4 3/4"	46-381-120
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STRUYCKEN

	0.9 mm	1.2 mm
x = 120 mm – 4 3/4"	46-351-001	46-351-002



HENKE

x = 120 mm – 4 3/4"	46-353-120
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Scharfe Nasenzangen
Nasal cutting forceps

Pinces coupantes pour le nez
Pinzas nasales cortantes
Pinze taglianti per naso



x = 100 mm – 4"	y = 3 mm
45-080-002	

gerade vertikal, doppelt beweglich
straight vertical, double action
droit vertical, double action
recta, vertical, doble acción
retta, verticale, doppio movimento



x = 100 mm – 4"	y = 3 mm
45-080-004	

gerade hor., doppelt beweglich
straight hor., double action
droit horizontal, double action
recta, horizontal, doble acción
retta oriz., doppio movimento

x = 100 mm – 4"	y = 3 mm
45-080-006	

gerade hor., einfach beweglich, kurz
straight hor., single action, short
droit hor., action simple, court
recta, hor., acción simple, corto
retta, oriz., movimento sing., corto



x = 100 mm – 4"	y = 3 mm
45-084-030	

45° vertikal, doppelt beweglich
45° vertical, double action
45° vertical, double action
45° vertical, doble acción
45° verticale, doppio movimento



x = 100 mm – 4"	y = 3 mm
45-088-030	

45° hor., doppelt beweglich
45° hor., double action
45° hor., double action
45° hor., doble acción
45° oriz., doppio movimento



x = 100 mm – 4"	y = 3 mm
45-087-030	

100° vert., doppelt beweglich
100° vert., double action
100° vert., double action
100° vert., doble acción
100° vert., doppio movimento



x = 100 mm – 4"	y = 3 mm
45-090-030	

45° vert., einfach beweglich, kurz
45° vert., single action, short
45° vert., action simple, court
45° vert., acción simple, corto
45° vert., movimento sing., corto



x = 100 mm – 4"	y = 3 mm
45-085-030	

70° vertikal, doppelt beweglich
70° vertical, double action
70° vertical, double action
70° vertical, doble acción
70° verticale, doppio movimento



x = 100 mm – 4"	y = 3 mm
45-081-030	

70° hor., doppelt beweglich
70° hor., double action
70° hor., double action
70° hor., doble acción
70° oriz., doppio movimento



x = 100 mm – 4"	y = 3 mm
45-083-030	

100° hor., doppelt beweglich
100° hor., double action
100° hor., double action
100° hor., doble acción
100° oriz., doppio movimento

x = 100 mm – 4"	y = 3 mm
45-092-030	

70° vert., einfach beweglich, kurz
70° vert., single action, short
70° vert., action simple, court
70° vert., acción simple, corto
70° vert., movimento sing., corto

x = 100 mm – 4"	y = 3 mm
45-093-030	

70° hor., einfach beweglich
70° hor., single action
70° hor., action simple, court
70° hor., acción simple, corto
70° oriz., movimento sing., corto

Scharfe Nasenzangen
Nasal cutting forceps

Pinces coupantes pour le nez
Pinzas nasales cortantes
Pinze taglienti per naso



x = 100 mm – 4"	y = 4 mm
45-084-040	

45° vertikal, doppelt beweglich
45° vertical, double action
45° vertical, double action
45° vertical, doble acción
45° verticale, doppio movimento



x = 100 mm – 4"	y = 4 mm
45-088-040	

45° hor., doppelt beweglich, kurz
45° hor., double action, short
45° hor., double action, court
45° hor., acción doble, corto
45° oriz., movimento, corta



x = 100 mm – 4"	y = 4 mm
45-090-040	

45° vertikal, einfach beweglich, kurz
45° vertical, single action, short short
45° vertical, action simple, court
45° vertical, acción simple, corto
45° verticale, movimento singolo, corta



x = 100 mm – 4"	y = 4 mm
45-085-040	

70° vertikal, doppelt beweglich
70° vertical, double action
70° vertical, double action
70° vertical, doble acción
70° verticale, doppio movimento



x = 100 mm – 4"	y = 4 mm
45-092-040	

70° vertikal, einfach beweglich, kurz
70° vertical, single action, short short
70° vertical, action simple, court
70° vertical, acción simple, corto
70° verticale, movimento singolo, corta



x = 100 mm – 4"	y = 4 mm
45-081-040	

70° hor., doppelt beweglich, kurz
70° hor., double action, short
70° hor., double action, court
70° hor., acción doble, corto
70° oriz., movimento, corta

x = 100 mm – 4"	y = 4 mm
45-087-040	

100° vertikal, doppelt beweglich
100° vertical, double action
100° vertical, double action
100° vertical, doble acción
100° verticale, doppio movimento

x = 100 mm – 4"	y = 4 mm
45-083-040	

100° hor., doppelt beweglich
100° hor., double action
100° hor., double action
100° hor., doble acción
100° oriz., doppio movimento



Nasenschere
Nasal scissors
Ciseaux nasales
Tijera nasal
Forbice nasale

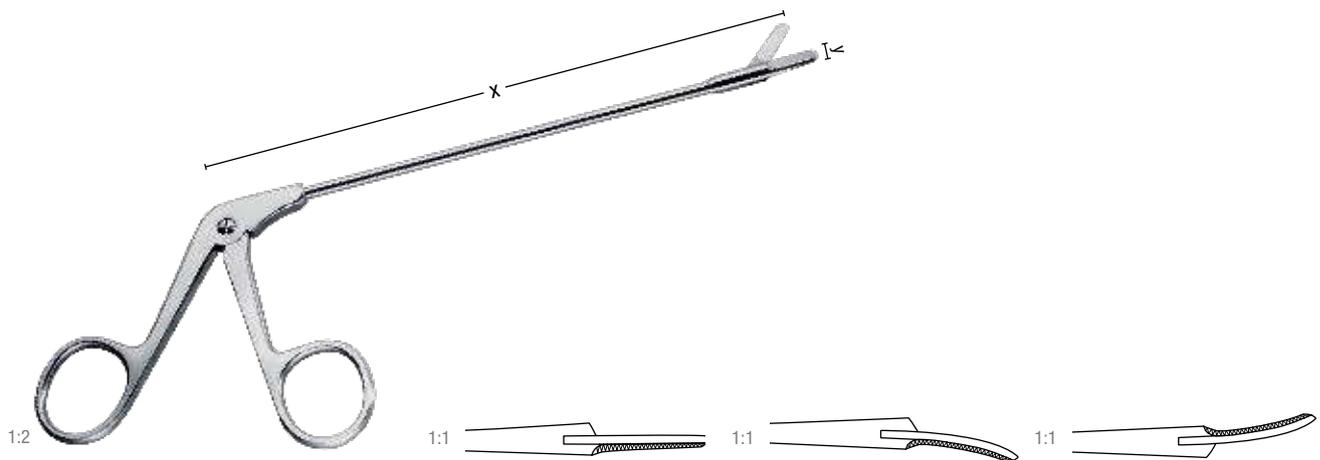


	Fig. 1	Fig. 2	Fig. 3
x = 135 mm – y = 5 mm	45-070-002	45-070-005	45-070-003

gezahnt, gerade
serrated, straight
droit, dentelés
dentada, recta
dentata, retta

gezahnt, rechts
serrated, right
dentelés, droites
dentada, derecha
dentata, destra

gezahnt, links
serrated, left
dentelés, gauche
dentada, izquierda
dentata, sinistra

Zirkular Stanze
Circular forceps
Pince circulaire
Pinza circular
Pinza a taglio circolare



	x = 180 mm – 7"	x = 180 mm – 7"
3.5 mm Ø	45-096-035	45-097-035
4.5 mm Ø	45-096-045	45-097-045

gerade
straight
droit
recta
retta

aufgebogen
curved upwards
coudé en haut
curvada arriba
curvata in alto



Antrumstanze
Antrum punch
Pince pour l'antrum
Pinza antrum
Pinze antrum



1:1

x = 100 mm	Fig. 1	Fig. 2	Fig. 3
3.0 mm (für Kinder)	45-053-030	45-049-030	45-051-030
3.5 mm	45-053-035	45-049-035	45-051-035
4.5 mm	45-053-045	45-049-045	45-051-045

rückwärts nach oben schneidend
backward, up-cutting
retrograde coupe en haut
retrograda corte arriba
retrograda tagliente in alto

rückwärts nach rechts schneidend
backward, cut to the right
retrograde coupe à droite
retrograda corte a la derecha
retrograda tagliente a destra

rückwärts nach links schneidend
backward, cut to the left
retrograde coupe à gauche
retrograda corte a la izquierda
retrograda tagliente a sinistra

x = 100 mm	Fig. 4	Fig. 5
3.0 mm (für Kinder)	45-055-030	45-057-030
3.5 mm	45-055-035	45-057-035
4.5 mm	45-055-045	

nach unten schneidend
down-cutting
retrograde coupe en bas
retrograda corte abajo
retrograda tagliente basso

drehbar
rotating
rotatif
rotatorio
rotativo

Keilbeinstanzen

Punches sphenoid bone

Pinces pour le sinus sphénoïdal

Pinzas para esfenoides

Pinze sfenoidali taglienti



HAJEK	HAJEK-KOFLER
x = 140 mm – 5 ½"	x = 140 mm – 5 ½"
4 mm x 4 mm	3.5 mm x 3.5 mm
29-228-040	29-220-035

HAJEK	HAJEK-KOFLER
x = 140 mm – 5 ½"	x = 140 mm – 5 ½"
4 mm x 4 mm	3.5 mm x 3.5 mm
29-230-040	29-222-035



HAJEK-KOFLER	
	3.5 mm
x = 180 mm – 7"	29-218-035

Schaft 360° drehbar
Shaft rotates 360°
Tige orientable à 360°
Tijera rotativa 360°
Asta girevole 360°



Keilbeinstanzen

Punches sphenoid bone

Pinces pour le sinus sphénoïdal

Pinzas para esfenoïdes

Pinze sfenoïdali taglienti



1:2

HAJEK-CLAUS

200 mm – 8 "

346-316-200

Nasenpolypenschnürer

Nasal polypus snares

Serre noeuds pour polypes

Polipótomos nasales

Serranodi nasali



0.3 mm Ø x 100 mm 46-131-003

in Bündeln mit 12 Stück
in bundles of 12 pieces
en paquets de 12 pièces
en liós de 12 piezas
pacchetto di 12 pezzi



KRAUSE 1:2

260 mm – 10¼" 46-121-260



KRAUSE-VOSS 1:2

260 mm – 10¼" 46-123-260

mit 2 Aufsätzen
with 2 inserts
avec 2 guide-anses
con 2 guías
con 2 guide ansa



LANGE-WILDE 1:2

240 mm – 9½" 46-127-240



Nasenmesser
Nasal knives

Bistouris pour nez
Cuchillos nasales
Bisturi per naso



FOMON

165 mm – 6 ½"

437-440-160



JOSEPH

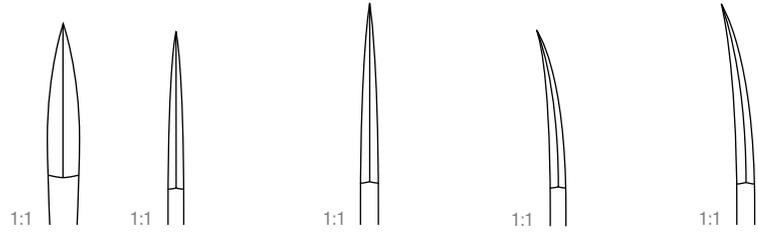
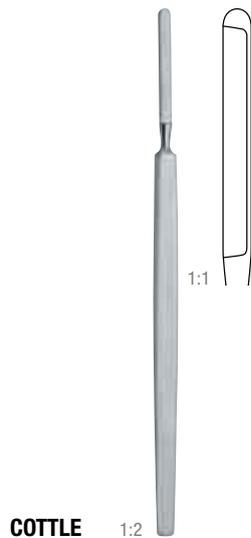


	Fig. 1	Fig. 2	Fig. 1	Fig. 2
160 mm – 6 ¼"	02-620-001	02-620-002	02-621-001	02-621-002

scharf/spitz
sharp/sharp
tranchant/pointu
cortante/agudo
acuto

gerade
straight
droits
recta
retto

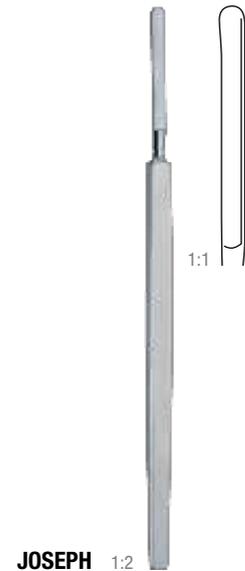
gebogen
curved
courbe
curva
curvo



COTTLE

140 mm – 5 ½"

02-636-150



JOSEPH

150 mm – 6"

02-632-150



JOSEPH

175 mm – 7"

437-451-030



BRUENINGS

165 mm – 6 ½"

346-394-160

02-680-000

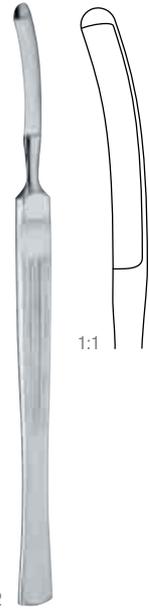
Ersatzklinge
Spare blade
Lame de rechange
Hoja de recambio
Lama di ricambio

Nasenmesser
Nasal knives

Bistouris pour nez
Cuchillos nasales
Bisturi per naso



FREER 1:2 1:2
190 mm – 6 ½" 02-661-001 02-661-002



CONVERSE 1:2 1:1
160 mm – 6 ¼" 346-375-160



FREER 1:2 1:1
150 mm – 6"
437-478-150



FREER 1:2 1:1
150 mm – 6"
02-650-160



FREER 1:2 1:1
150 mm – 6"
437-482-150



Tonsillennmesser
Tonsils knives
Couteaux à tonsils
Bisturís para amígdalas
Bisturi per tonsille



1:2



1:2



1:2

FREER

210 mm – 8¼"

02-741-210

02-743-210

200 mm – 8"

02-739-200

Sichelmesser
Sickle knife
Couteau à faucille
Cuchillo falciforme
Coltello a forma di falce



1:2

BRUENINGS

230 mm – 9"

02-761-230



1:2

ABRAHAM

220 mm – 8¾"

02-757-210



1:2

FISCHER

230 mm – 9"

02-753-225



1:1



1:2

200 mm – 8"

02-737-200

scharf
sharp
tranchant
cortante
acut

Antrumküretten
Antrum curettes

Curettes d'antrum
Curetas para el antrum
Curette per antrum



200 mm – 8"	200 mm – 8"
437-731-001	437-731-002



200 mm – 8"
7 mm x 11 mm
437-733-200



PRATT

210 mm – 8 ¼"
437-735-210



FAULKNER

210 mm – 8 ¼"
46-681-210



COAKLEY

200 mm – 8"
437-745-120



1:2

COAKLEY

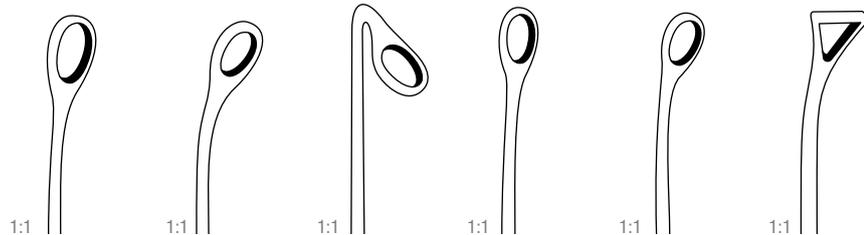


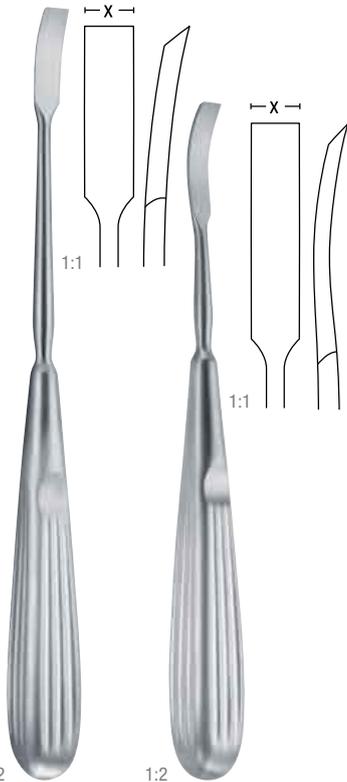
	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6
170 mm – 6 ¾"	346-603-010	346-603-020	346-603-030	346-603-040	346-603-050	346-603-060
346-603-000	x	x	x	x	x	x

Satz
Set
Jeu
Juego
Serie



Septumelevatorien – Raspatorien
Septum elevators – raspatories

Élévateurs – rugines pour la cloison nasale
Elevadores – legbras para el tabique nasal
Elevatori – periostotomi per setto



LEMPERT	1:2	205 mm – 8"	180 mm – 7"
x = 6 mm	27-325-205	27-321-180	

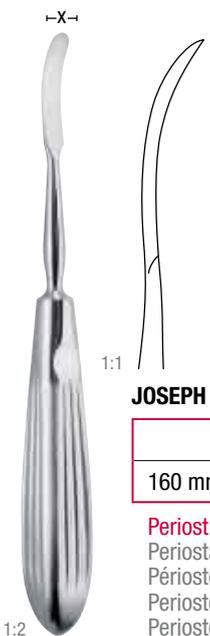


FREER	1:2	x = 4 mm	
160 mm – 6¼"	46-523-004		



COTTLE	1:2	x = 8 mm	
190 mm – 7½"	346-421-190		

scharf
sharp
tranchant
cortante
acuta



JOSEPH	x = 5 mm	
160 mm – 6¼"	27-481-160	

Periost Elevatorien
Periostal elevators
Périostotome
Periostótomo
Periostotomo



SEWALL	200 mm – 8"	332-703-200
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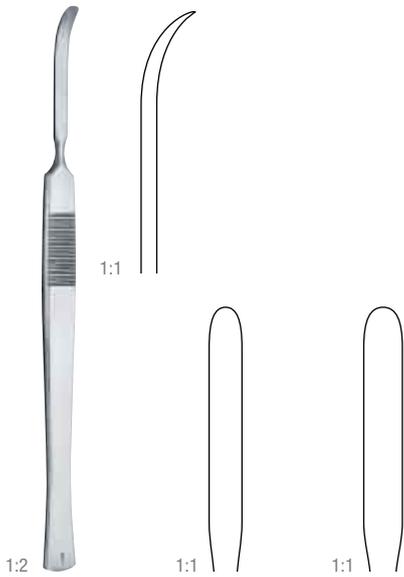
Antrum Elevatorium
Antrum elevator
Élévateur pour le fosse nasale
Elevador para el antro
Elevatore per antro



HALLE	160 mm – 6¼"	
437-521-160		

Septum elevatorien – Raspatorien
Septum elevators – raspatories

Élévateurs – rugines pour la cloison nasale
Elevadores – legras para el tabique nasal
Elevatori – periostotomi per setto



MCKENTY

	4 mm	5 mm
150 mm – 6"	346-406-040	346-406-050

scharf
sharp
tranchant
cortante
acuta



COTTLE

	x = 5 mm
235 mm – 9¼"	346-417-230

scharf
sharp
tranchant
cortante
acuta



MCKENTY

	x = 4 mm
205 mm – 8"	437-545-220

scharf
sharp
tranchant
cortante
acuta



Septum elevatorien – Raspatorien
Septum elevators – raspatories

Élévateurs – rugines pour la cloison nasale
Elevadores – legras para el tabique nasal
Elevatori – periostotomi per setto



KILLIAN 1:2 1:1

	x = 4 mm
180 mm – 7"	437-556-180

scharf/stumpf
sharp/blunt
tranchant/mousse
cortante/romo
acuta/smussa



KILLIAN 1:2 1:1

	x = 4.5 mm
230 mm – 9"	346-422-220

scharf/stumpf
sharp/blunt
tranchant/mousse
cortante/romo
acuta/smussa



FREER 1:2 1:1

190 mm – 7½"	27-449-190
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stumpf
blunt
mousse
romo
smussa



FREER 1:2 1:1

180 mm – 7"	27-451-180
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scharf/stumpf
sharp/blunt
tranchant/mousse
cortante/romo
acuta/smussa

Septumelevatorien – Raspatorien
Septum elevators – raspatories

Élévateurs – rugines pour la cloison nasale
Elevadores – legras para el tabique nasal
Elevatori – periostotomi per setto



FREER 1:2
205 mm – 8" 27-451-205

scharf/stumpf
sharp/blunt
tranchant/mousse
cortante/romo
acuta/smussa



PENNINGTON 1:2 1:1
215 mm – 8½" 437-564-210

stumpf
blunt
mousse
romo
smussa



JOSEPH-MASING 1:2 1:1
215 mm – 8½" 437-575-220

scharf
sharp
tranchant
cortante
acuta



Periostelevatorien
Periosteal elevators

Élévateurs pour la périoste
Legras para perióstio
Elevatori per il periosto



MASING

200 mm – 8"	437-579-210
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BALLENGER-HAJEK

190 mm – 7 ¼"	437-546-190
220 mm – 8 ¾"	346-424-210



COTTLE

220 mm – 8 ¾"	27-421-220
---------------	------------



COTTLE

210 mm – 8 ¼"	437-580-210
---------------	-------------

Septumelevatorien
Septum elevators

Elévateurs pour la cloison nasale
Elevadores para el tabique nasal
Elevatori per setto



1:2

BOIES

190 mm – 7½"	346-428-190
--------------	-------------

Nasenfraktur Elevatorium, stumpf
Nasal fracture elevator, blunt
Elévateur pour fractures nasales, mousse
Elevador para fracturas nasales, romas
Elevatore per fratture nasali, smussa

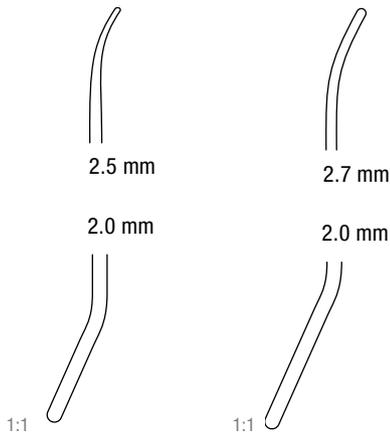


1:2

GOLDMAN

170 mm – 6¾"	346-430-170
--------------	-------------

Septumfraktur Elevatorium
Septum displacer
Elévateur pour fractures de la cloison nasale
Elevador para fracturas del tabique nasal
Elevatore per fratture del setto



WATSON-CHEYNE

130 mm – 5"	190 mm – 7½"
332-762-130	332-762-190

Raspatorium
Raspatory
Rugine
Raspatorio
Periostotomo



Nasensägen
Nasal saws

Scies nasales
Sierras nasales
Seghe nasali



JOSEPH

1:2

1:2

190 mm – 7 ½"

46-621-001

46-621-002



JOSEPH

1:2

190 mm – 7 ½"

46-620-000



JOSEPH

1:2

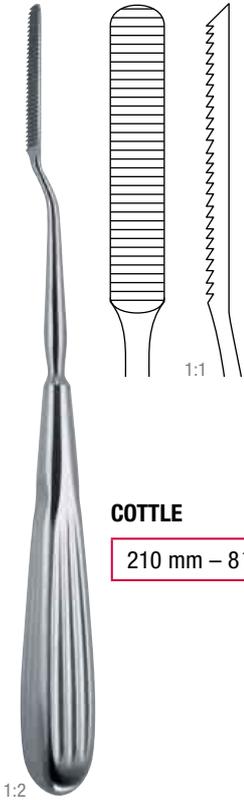
1:2

170 mm – 6 ¾"

46-631-001

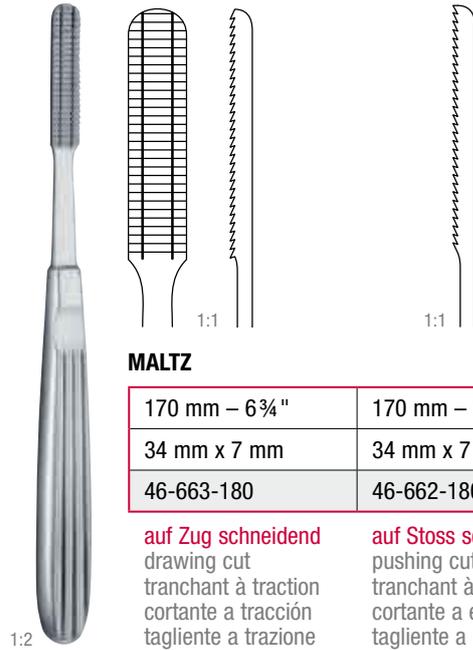
46-631-002

Nasenraspeln
Nasal rasps
Râpes nasales
Limas nasales
Raspe nasali



COTTLE

210 mm – 8 ¼ "	46-658-000
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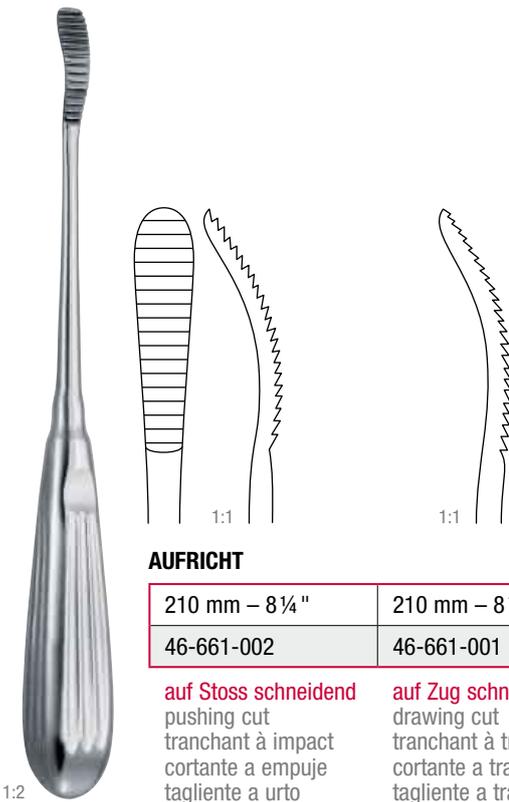


MALTZ

170 mm – 6 ¾ "	170 mm – 6 ¾ "
34 mm x 7 mm	34 mm x 7 mm
46-663-180	46-662-180

auf Zug schneidend
drawing cut
tranchant à traction
cortante a tracción
tagliente a trazione

auf Stoss schneidend
pushing cut
tranchant à impact
cortante a empuje
tagliente a urto



AUFRICHT

210 mm – 8 ¼ "	210 mm – 8 ¼ "
46-661-002	46-661-001

auf Stoss schneidend
pushing cut
tranchant à impact
cortante a empuje
tagliente a urto

auf Zug schneidend
drawing cut
tranchant à traction
cortante a tracción
tagliente a trazione



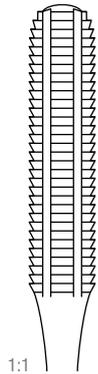
Nasenraspeln
Nasal rasps
Râpes nasales
Limas nasales
Raspe nasali



1:2

MALTZ

	40 mm x 9 mm
175 mm – 7"	346-500-180



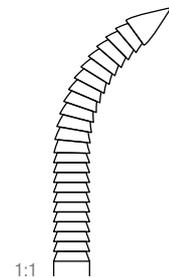
1:1



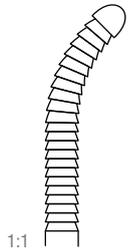
1:2

WIENER

	Ø 3.5 mm	Ø 3.5 mm
180 mm – 7"	346-503-180	346-503-190



1:1



1:1

Antrum Raspeln
Antrum rasps
Râpes pour le fosse nasale
Limas para el antrum
Raspe per antrum



1:2

GALLAHER

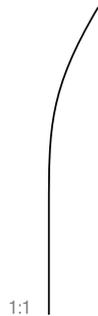
160 mm – 6 ¼"	160 mm – 6 ¼"	160 mm – 6 ¼"
346-522-160	346-523-160	346-525-160



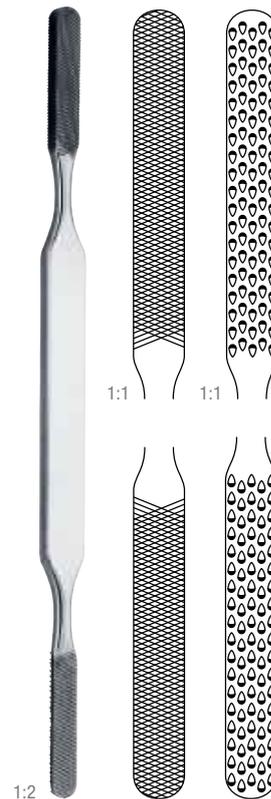
1:1



1:1



1:1



1:2

FOMON

210 mm – 8 ¼"
346-516-210

1:1

1:1

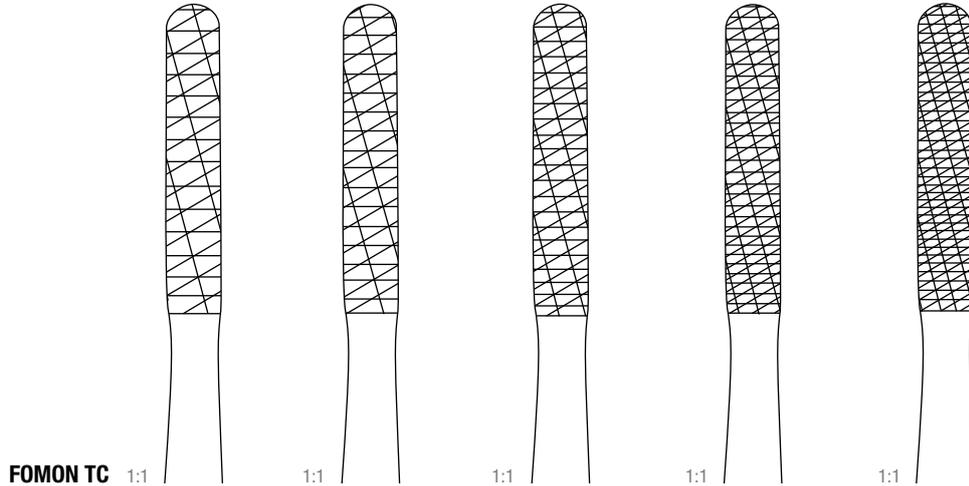
Raspeln mit Hartmetall

Rasps with tungsten carbide

Râpes avec inserts de carbure de tungstène

Limas con carburo de tungsteno

Raspe con tungsteno

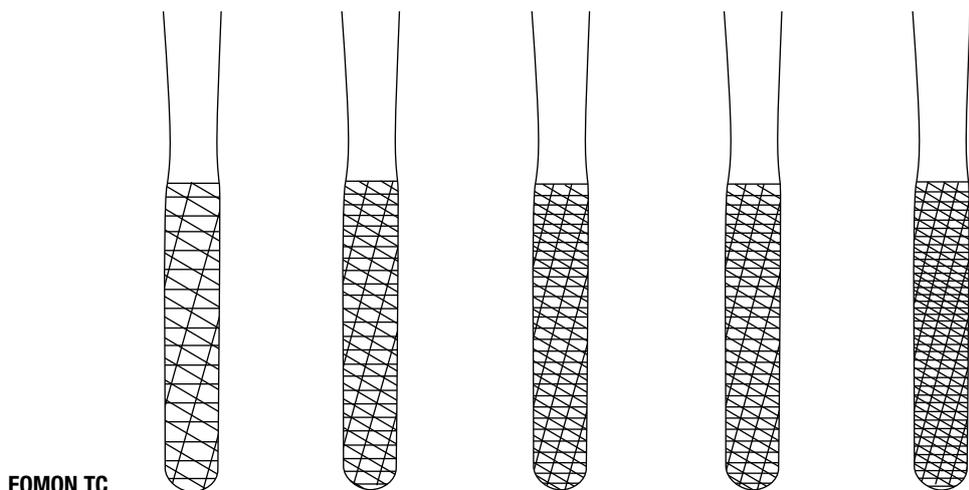


FOMON TC

almedur	almedur	almedur	almedur	almedur
Fig. 1	Fig. 3	Fig. 5	Fig. 7	Fig. 9
12	16	24	36	52

Zähne
Teeth
Dentes
Dientes
Denti

200 mm – 8"	346-518-010	346-518-030	346-518-050	346-518-070	346-518-090
-------------	-------------	-------------	-------------	-------------	-------------



FOMON TC

almedur	almedur	almedur	almedur	almedur
Fig. 2	Fig. 4	Fig. 6	Fig. 8	Fig. 10
14	20	30	44	62

Zähne
Teeth
Dentes
Dientes
Denti



Septuminstrumente
Septum instruments

Instruments pour la cloison nasal
Instrumentos para el tabique nasal
Strumenti per il setto nasale



1:2

BRUENINGS-BRUNK

190 mm – 7½"	437-781-190
--------------	-------------

Kieferhöhlenhaken, gezahnt
Antrum retractor, serrated
Ecarteur pour sinus maxillaire, dentelé
Separador para sinus, dentado
Retrattore mascellare, dentato



1:2

RITTER-HALLE

	160 mm – 6¼"
2.5 mm Ø	437-837-250
3.0 mm Ø	437-837-300
4.0 mm Ø	437-837-400
5.0 mm Ø	437-837-500

Stirnhöhlen-Dilatatoren
Frontal sinus bougies
Dilateurs pour le sinus frontal
Dilatadores para el sinus frontal
Dilatatore per il seno frontale



COTTLE 1:2

120 mm – 4¾"	437-646-010
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Griff
Handle
Manche
Mango
Manico



COTTLE 1:2

7 mm	437-646-020
------	-------------

Führungshilfe für Osteotome
Guide support for osteotomes
Support conducteur pour ostéotomes
Soporte de guía para osteótomos
Supporto di guida per osteotomi



COTTLE 1:2 1:2

65 mm x 30 mm x 30 mm	437-648-000
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Knorpelquetsche
Cartilage crusher
Pincas-gouge à cartilage
Machacadora
Torchio per cartilagine

Septumzangen
Septum forceps

Pinces pour la cloison nasale
Pinzas para el tabique nasal
Pinze per il setto nasale



1:2

COTTLE-WALSHAM

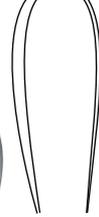
1:2



1:2



1:2



230 mm – 9"

46-478-001

46-478-002

46-478-003

gerade
straight
droit
recta
rette

links
left
à gauche
izquierda
a sinistra

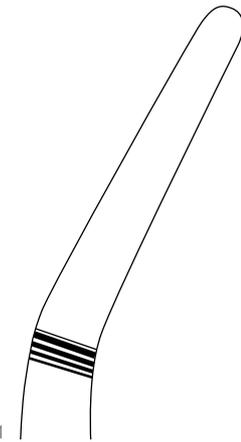
rechts
right
à droite
derecha
a destra



1:2

ASCH

1:1



230 mm – 9"

46-481-230



Septumzangen
Septum forceps

Pinces pour la cloison nasale
Pinzas para el tabique nasal
Pinze per il setto nasale



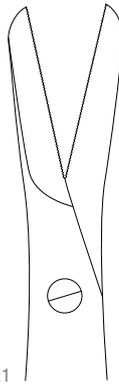
MIDDLETON-JANSEN 1:1
190 mm – 7 ½" | 46-395-190



MIDDLETON-JANSEN 1:1
190 mm – 7 ½" | 46-397-190



CAPLAN 1:1
200 mm – 8" | 437-327-200



gezahnt
toothed
dentelée
dentado
dentato



RUBIN 1:1
210 mm – 8 ¼" | 346-247-210



437-331-010

Schutzkappe
Protection Cap
Capuchon protecteur
Capuchon protectora
Calotta protettiva

1:2

1:2

Ringmesser
Adenoid cures

Couteaux à végétations adénoïdes
Cuchillos para vegetaciones adenoïdes
Adenotomi



1:2

ST. CLAIR-THOMSON



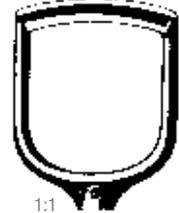
1:1



1:1



1:1



1:1

210 mm – 8¼"

46-731-001

46-731-002

46-731-003

46-731-004



1:2

BARNHILL



1:1



1:1



1:1



1:1

	Fig. 1	Fig. 2	Fig. 3	Fig. 4
220 mm – 8¾"	346-626-010	346-626-020	346-626-030	346-626-040



Ringmesser
Adenoid cures

Couteaux à végétations adénoïdes
Cuchillos para vegetaciones adenoides
Adenotomi



1:2

1:2



1:1



1:1



1:1

BECKMANN

220 mm – 8¾"	46-721-001	46-721-002	46-721-003
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gerade
straight
droit
recto
rette

220 mm – 8¾"	437-752-010	437-752-020	437-752-030
--------------	-------------	-------------	-------------

gebogen
curved
courbe
curvo
curve



1:1



1:1



1:1

220 mm – 8¾"	46-721-004	46-721-005	46-721-006
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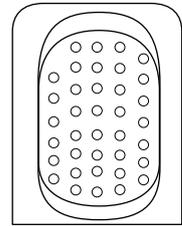
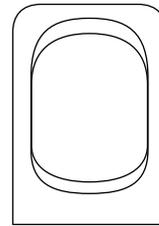
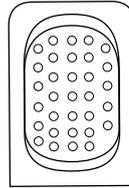
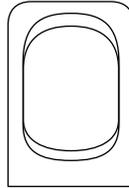
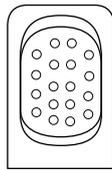
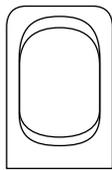
gerade
straight
droit
recto
rette

220 mm – 8¾"	437-752-040	437-752-050	437-752-060
--------------	-------------	-------------	-------------

gebogen
curved
courbe
curvo
curve

Ringmesser
Adenoid currettes

Couteaux à végétations adénoïdes
Cuchillos para vegetaciones adenoïdes
Adenotomi



LA FORCE

Fig. 1		Fig. 2		Fig. 3	
250 mm – 7"		250 mm – 7"		250 mm – 7"	
437-767-010	46-741-001	437-767-020	46-741-002	437-767-030	46-741-003

437-777-010	46-744-001	437-777-020	46-744-002	437-777-030	46-744-003
-------------	------------	-------------	------------	-------------	------------

Ersatzklingen
Spare blades
Lames de rechange
Hojas de cambio
Lame di ricambio

1:2



Ringmesser

Adenoid cures

Couteaux à végétations adénoïdes

Cuchillos para vegetaciones adenoides

Adenotomi



BALLENGER

	200 mm – 8 "	200 mm – 8 "
x = 3 mm	02-670-003	02-671-003
x = 4 mm	02-670-004	02-671-004
x = 5 mm	02-670-005	02-671-005

gerade
straight
droit
recto
rette

bajonett
bayonet
baionette
bayoneta
baionetta

Pulverbläser

Atomizers

Pulvérisateurs

Pulverizadores

Insoffiatori



1:2

KABIERSKE

344-086-000	436-776-010	436-776-500
Pulverbläser, komplett Atomizer, complete Pulvérisateur, complet Pulverizador, completo Insoffiatore, completo	Ersatzflasche, 30 ccm Spare bottle, 30 ccm Flacon de recharge, 30 ccm Frasco suelto, 30 ccm Bottiglia di ricambio, 30 ccm	Ventilball Valve rubber bulb Poire en caoutchouc avec valve Pera de goma con valva Pallone in gomma con valva

KABIERSKE

80 mm – 3 ¼ "	436-776-080	
110 mm – 4 ¼ "	436-776-110	
130 mm – 5 "		436-776-130

Kanüle gerade
Cannula, straight
Canule droit
Cánula recta
Cannula retta

Kanüle gebogen
Cannula curved
Canule courbe
Cánula curva
Cannula curva



1:2

UNIVERSAL

436-782-000
Pulverbläser, komplett mit beweglicher Düse, Flasche 30 ccm Atomizer, complete with movable tube, bottle 30 ccm Pulvérisateur, complet avec tuyère mobile, flacon 30 ccm Pulverizador, completo con tubo móvil, botella 30 ccm Insoffiatore, completo con ugello mobile, bottiglia 30 ccm



Pulverbläser
Atomizers
Pulvérisateurs
Pulverizadores
Insoffiatori



POLITZER 1:2

344-087-000

komplett mit 3 Nasenoliven
complete with 3 nasal olives
complet avec 3 olives nasales
completo con 3 olivas nasales
completo con 3 olive nasali



15 mm Ø	17 mm Ø	22 mm Ø
344-087-150	344-087-170	344-087-220

Nasenoliven
Nasal olives
Olives nasales
Olivas nasales
Olive nasali

4 mm Ø
344-087-040

Ohrolive
Ear olive
Olive auriculaire
Oliva auricular
Oliva auricolare

344-087-350

Gummibirne
Rubber bulb
Poire en caoutchouc
Pera de goma
Pera in gomma

344-087-030

Einsteckkonus
Connecting nozzle
Embout de raccordement
Cono de conexión
Cono di connessione

Mundsperrer
Mouth gags

Ouvre-bouches
Abrebocas
Apribocca



WHITEHEAD

110 mm – 4 ¼ "	348-276-110
130 mm – 5 "	348-276-130
150 mm – 6 "	348-276-150



JENNINGS

90 mm – 3 ½ "	48-181-090
110 mm – 4 ¼ "	48-181-110
130 mm – 5 "	48-181-130
150 mm – 6 "	48-181-150



MAUNDER

1:2

	4 mm Ø
100 mm – 4 "	348-356-100

Holz
Wood
Bois
Madera
Legno



HEISTER

1:2

130 mm – 5 "	48-120-130
--------------	------------



Mundsperrer
Mouth gags
Ouvre-bouches
Abrebocas
Apribocca



MOLT 1:2

110 mm – 4 ¼"	48-141-110
---------------	------------

Für Kinder
For children
Pour enfants
Para niños
Per bambini



MOLT 1:2

140 mm – 5 ½"	48-141-140
---------------	------------

Für Erwachsene
For adults
Pour adultes
Para adultos
Per adulti



DENHART 1:2

120 mm – 4 ¾"	348-263-120
---------------	-------------



FERGUSON-ACKLAND 1:2

145 mm – 5 ¾"	48-153-145
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ROSER-KÖNIG

160 mm – 6 ¼"	48-155-160
190 mm – 7 ½"	48-155-190

Mundsperrer
Mouth gags

Ouvre-bouches
Abrebocas
Apribocca



DINGMANN

1:3

145 mm – 5 3/4"	348-326-000	348-326-090
-----------------	-------------	-------------

Komplett mit Rahmen, 3 Zungenspateln und 2 beweglichen Seitenvalven
Complete with frame, 3 tongue depressors and 2 adjustable lateral blades
Complet avec cadre, 3 abaisse-langues et 2 valves latérales réglables
Completo con bastidor, 3 bajalenguas y 2 valvas laterales ajustables
Completo con telaio, 3 abassalingua e 2 valve laterali mobili

Rahmen
Frame
Cadre
Bastidor
Telaio



55 x 25 mm	348-326-010
------------	-------------



60 x 27 mm	348-326-020
------------	-------------



70 x 30 mm	348-326-030
------------	-------------



Mundsperrer
Mouth gags

Ouvre-bouches
Abrebocas
Apribocca



KILNER-DOUGHTY

Fig. 1	Fig. 2	Fig. 3	
28 mm x 65 mm	32 mm x 75 mm	37 mm x 80 mm	
348-311-010	348-311-020	348-311-030	348-311-100

Griff
Handle
Manche
Mango
Manico

348-311-000	x	x	x	x
-------------	---	---	---	---

komplett
complete
compl
completa
completa

Mundsperrer
Mouth gags
Ouvre-bouches
Abrebocas
Apribocca



NEGUS

Fig. 1	Fig. 2	Fig. 3	
32 mm x 85 mm	31 mm x 78 mm	28 mm x 70 mm	
438-198-010	438-198-020	438-198-030	438-198-100

Griff
Handle
Manche
Mango
Manico

438-198-000	x	x	x	x
-------------	---	---	---	---

komplett
complete
compl
completa
completa



Mundsperrer
Mouth gags
Ouvre-bouches
Abrebocas
Apribocca



DAVIS-BOYLE

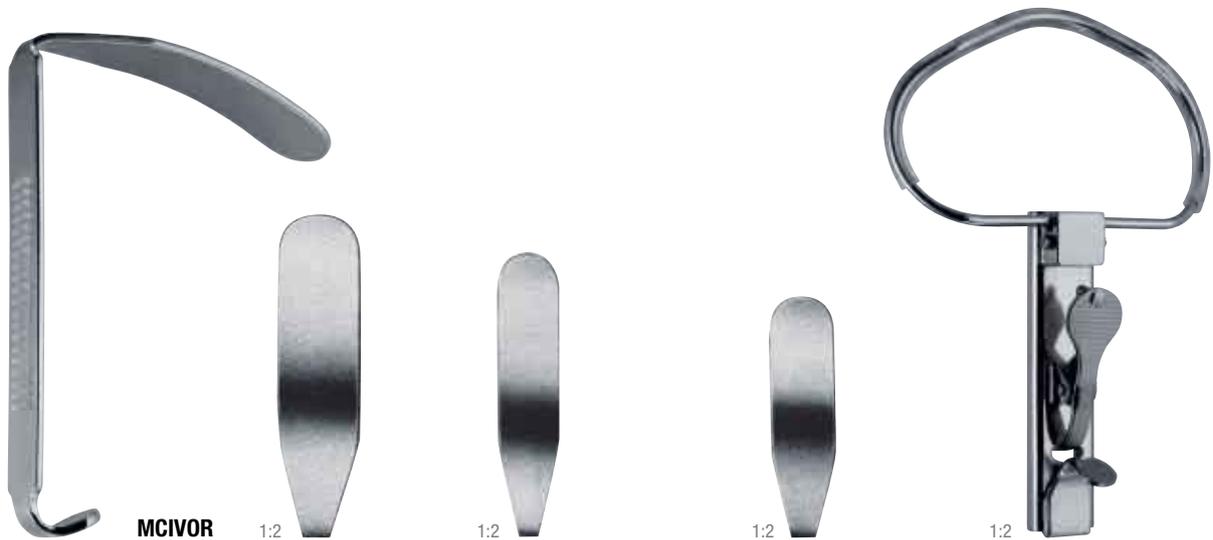
Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	
48-194-001	48-194-002	48-194-003	48-194-004	48-194-005	48-192-000
21 mm x 26 mm	23 mm x 65 mm	24 mm x 80 mm	25 mm x 93 mm	26 mm x 108 mm	

Griff
Handle
Manche
Mango
Manico

48-190-000	x	x	x	x	x
------------	---	---	---	---	---

komplett
complete
compl
completa
completa

Mundsperrer
Mouth gags
Ouvre-bouches
Abrebocas
Apribocca



MCIVOR

1:2

1:2

1:2

1:2

Fig. 1	Fig. 2	Fig. 3	
348-316-010	348-316-030	348-316-020	348-316-100
27 mm x 95 mm	22 mm x 85 mm	22 mm x 70 mm	

Griff
Handle
Manche
Mango
Manico

348-316-000	x	x	x	x
-------------	---	---	---	---

komplett
complete
compl
completa
completa



Kehlkopfspiegel
Laryngeal mirrors
Miroirs laryngiens
Espejos laríngeos
Specchi laringei



Fig. 00	8 mm Ø	52-451-008
Fig. 0	10 mm Ø	52-451-010
Fig. 1	12 mm Ø	52-451-012
Fig. 2	14 mm Ø	52-451-014
Fig. 3	16 mm Ø	52-451-016
Fig. 4	18 mm Ø	52-451-018
Fig. 5	20 mm Ø	52-451-020
Fig. 6	22 mm Ø	52-451-022
Fig. 7	24 mm Ø	52-451-024
Fig. 8	26 mm Ø	52-451-026
Fig. 9	28 mm Ø	52-451-028
Fig. 10	30 mm Ø	52-451-030



1:2

100 mm – 4"	52-470-000
-------------	------------



Fig. 00	8 mm Ø	52-441-008
Fig. 0	10 mm Ø	52-441-010
Fig. 1	12 mm Ø	52-441-012
Fig. 2	14 mm Ø	52-441-014
Fig. 3	16 mm Ø	52-441-016
Fig. 4	18 mm Ø	52-441-018
Fig. 5	20 mm Ø	52-441-020
Fig. 6	22 mm Ø	52-441-022
Fig. 7	24 mm Ø	52-441-024
Fig. 8	26 mm Ø	52-441-026
Fig. 9	28 mm Ø	52-441-028
Fig. 10	30 mm Ø	52-441-030



MICHEL

	250 mm – 9¾"	
10 mm Ø	346-135-100	346-135-010
12 mm Ø	346-135-120	346-135-012
14 mm Ø	346-135-140	346-135-014
16 mm Ø	346-135-160	346-135-016
18 mm Ø	346-135-180	346-135-018

Spiegel beweglich
moveable mirror
miroir mobile
espejo movible
specchio mobile

Spiegel alleine
mirror only
miroir seul
espejo sólo
specchio solo

Kehlkopfinstrumente
Laryngeal instruments
Instruments laryngiens
Instrumentos laríngeos
Strumenti laringei

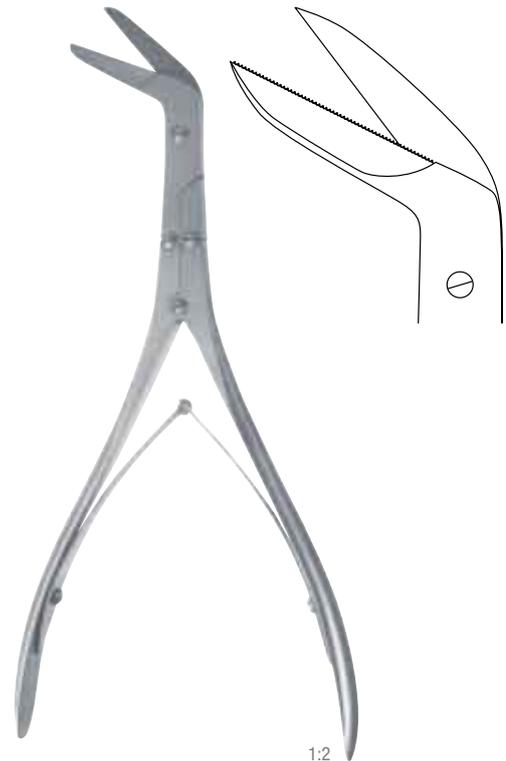


REICHERT

1:2

230 mm – 9"

352-117-240



KILLIAN

1:2

200 mm – 8"

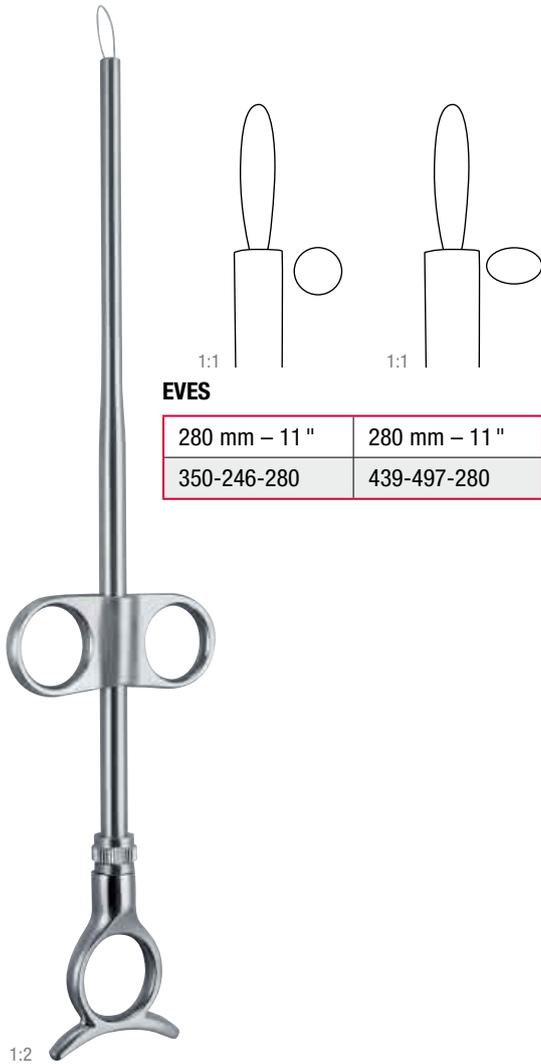
437-329-210

Laryngofissurschere
Laryngotomy scissors
Ciseaux laryngiens
Tijera laríngea
Forbici laringee



Tonsillenschnürer
Tonsils snares

Serre noeuds pour amygdales
Cierra-nudos para amígdalas
Serranodi per tonsille



EVES

280 mm – 11 "	280 mm – 11 "
350-246-280	439-497-280



EVES

280 mm – 11 "
48-420-280

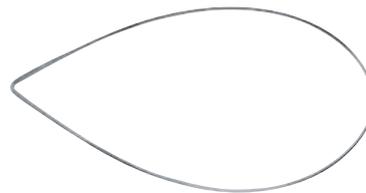


BRUENINGS

280 mm – 11 "
48-426-280



	10 m – 33 ft.
0.3 mm Ø	436-354-300
0.4 mm Ø	436-354-400



40 mm	350-253-400
50 mm	350-253-500

Packung mit 100 Stück
package of 100 pieces
paquet de 100 pièces
paquete de 100 piezas
pacchetto da 100 pezzi

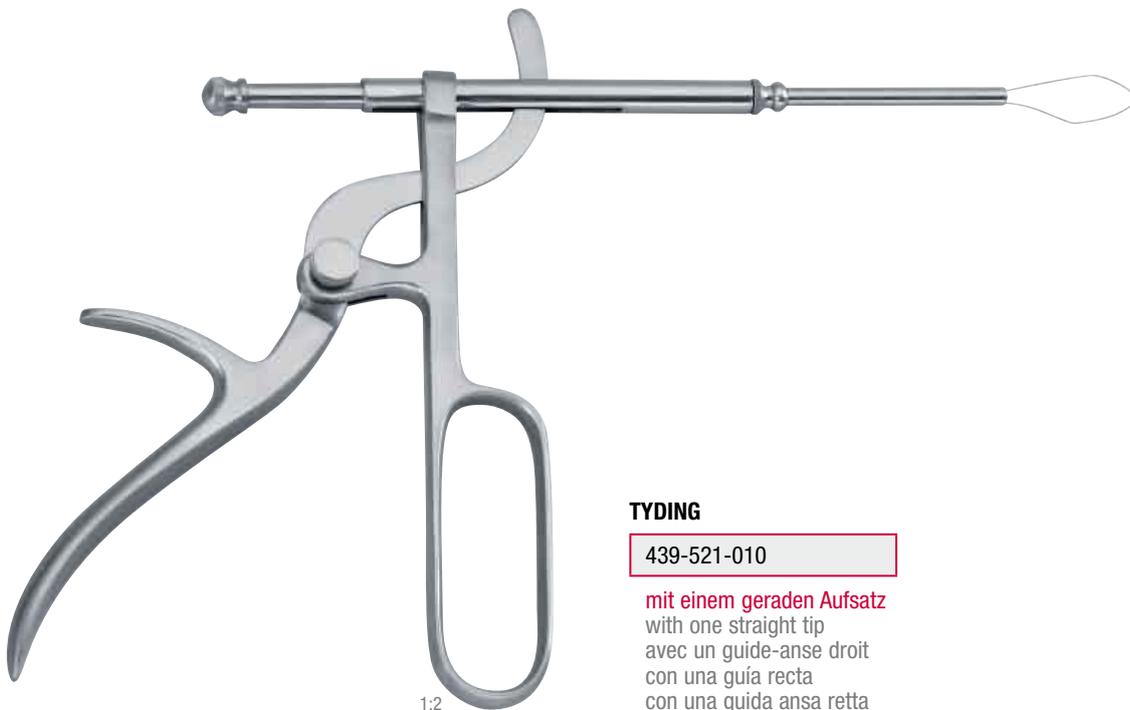
Tonsillenschnürer

Tonsils snares

Serre noeuds pour amygdales

Cierra-nudos para amígdalas

Serranodi per tonsille



TYDING

439-521-010

mit einem geraden Aufsatz

with one straight tip
avec un guide-anse droit
con una guía recta
con una guida ansa retta



0.4 mm Ø x 10 cm

48-431-003

Packung mit 100 Stück

package of 100 pieces
paquet de 100 pièces
paquete de 100 piezas
pacchetto da 100 pezzi



Tonsilleninstrumente

Tonsils instruments

Instruments pour amygdales

Instrumentos para amígdalas

Strumenti per tonsille



CARPENTER

1:2

1:1

250 mm – 9¾"

350-135-250

Enukleator

Enucleator

Enucléateur pour amygdales

Enucleador para amígdalas

Enucleatore

LUNIATSCHEK

1:2

1:1

180 mm – 7"

48-339-001

Tonsillen-Tamponstopfer

Tonsils tampon plugger

Porta coton

Porta algodones

Porta tamponi

Tonsilleninstrumente

Tonsils instruments

Instruments pour amygdales

Instrumentos para amígdalas

Strumenti per tonsille



HENKE 1:2 1:1
230 mm – 9" 350-131-230

Tonsillendissektor
Tonsils dissector
Dissecteur à amygdales
Disector para amígdalas
Dissettore tonsillare



HENKE 1:2 1:1
230 mm – 9" 439-287-230

Tonsillendissektor
Tonsils dissector
Dissecteur à amygdales
Disector para amígdalas
Dissettore tonsillare



HURD 1:2 1:1
225 mm – 8 ¾" 350-129-220

Tonsillendissektor
Tonsils dissector
Dissecteur à amygdales
Disector para amígdalas
Dissettore tonsillare



Tonsilleninstrumente

Tonsils instruments

Instruments pour amygdales

Instrumentos para amígdalas

Strumenti per tonsille



1:2

LEWIS

195 mm – 7¾"	48-400-190
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Tonsillenschraube
Tonsils screw
Tire amygdales
Tira amígdalas
Fissa tonsille



1:2

MARSHIK

220 mm – 8¾"	08-898-220
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Tonsillen-Fasspinzette
Tonsils seizing forceps
Pince pour saisir les amygdales
Pinza prensora de amígdalas
Pinza da presa tonsille



1:2

BLOHMKE

200 mm – 8"	350-205-200
-------------	-------------

Tonsilleninstrumente
Tonsils instruments

Instruments pour amygdales
Instrumentos para amígdalas
Strumenti per tonsille



1:2

COLVER

190 mm – 7½"	350-198-190
190 mm – 7½"	350-199-190

gerade
straight
droit
recto
rette

gebogen
curved
courbe
curva
curva



WHITE

180 mm – 7"	17-361-180
230 mm – 9"	17-361-230

6 x 5



1:2

JACKSON

220 mm – 8¾"	08-891-220
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Kehlkopfpinzette
Laryngeal forceps
Pince laryngienne
Pinza laringea
Pinza laringea



1:2

MUSEUX

200 mm – 8"	370-522-200
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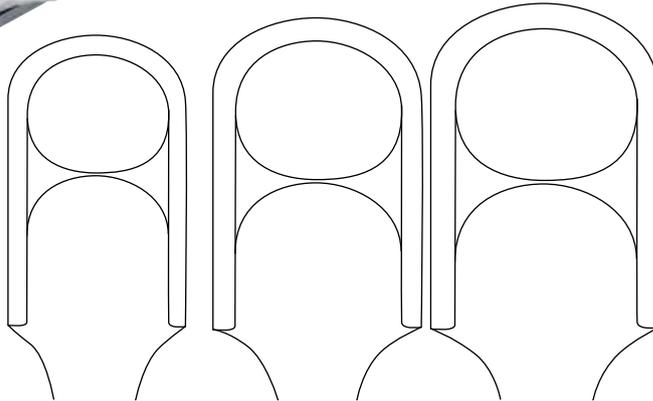
Tonsillen-Fasszange
Tonsils holding forceps
Pince pour amygdales
Pinza para amígdalas
Pinza per tonsille



Tonsillotome
Tonsillectomes
Amygdalatomes
Amigdalótomos
Tonsillotomi



1:2



SLUDER-BALLENGER

Fig. 1	Fig. 2	Fig. 3	
48-470-001	48-470-002	48-470-003	48-464-000

Griff
Handle
Manche
Mango
Manico

48-461-003	x	x	x	x
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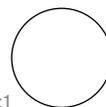
komplett
complete
compl
completa
completa



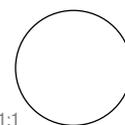
1:2

HARTMANN

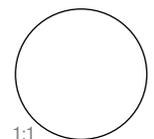
1:1



1:1



1:1



	13 mm Ø	15 mm Ø	17 mm Ø
x = 120 mm	48-521-013	48-521-015	48-521-017

Trachealdilatatoren

Trachea dilators

Dilatateurs pour la trachéotomie

Dilatadores para la traqueotomía

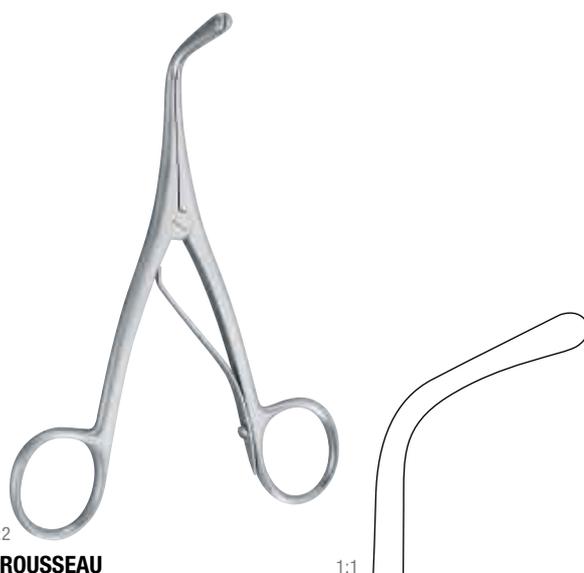
Dilatatori tracheali



LABORDE 1:2

140 mm – 5½"

50-121-140



1:2

TROUSSEAU

1:1

140 mm – 5½"

50-125-140



Trachealkanülen
Trachea tubes

Canules pour la trachéotomie
Cánulas para la tráquea
Cannule tracheali



LUER STANDARD

Fig. 0	4 mm Ø	50-241-004
Fig. 1	5 mm Ø	50-241-005
Fig. 2	6 mm Ø	50-241-006
Fig. 3	7 mm Ø	50-241-007
Fig. 4	8 mm Ø	50-241-008
Fig. 5	9 mm Ø	50-241-009
Fig. 6	10 mm Ø	50-241-010
Fig. 7	11 mm Ø	50-241-011
Fig. 8	12 mm Ø	50-241-012
Fig. 9	13 mm Ø	50-241-013

Neusilber
German silver
Maillechort
Plata alemana
Argentone



CHEVALIER-JACKSON

Fig. 0	4 mm Ø	50-221-004
Fig. 1	5 mm Ø	50-221-005
Fig. 2	6 mm Ø	50-221-006
Fig. 3	7 mm Ø	50-221-007
Fig. 4	8 mm Ø	50-221-008
Fig. 5	9 mm Ø	50-221-009
Fig. 6	10 mm Ø	50-221-010
Fig. 7	11 mm Ø	50-221-011
Fig. 8	12 mm Ø	50-221-012
Fig. 9	13 mm Ø	50-221-013

Neusilber
German silver
Maillechort
Plata alemana
Argentone



1:2

UCKERMANN

	8 mm Ø	10 mm Ø
130 mm – 5"	38-380-008	38-380-010

Tracheotomiebesteck
Tracheotomy set

Trousse pour la trachéotomie
Estuche para la traqueotomía
Astuccio per tracheotomia

200 mm x 105 mm x 30 mm

50-920-080

Tracheotomiebesteck, in Metall-Etui, bestehend aus:

- 1 Griff, Klinge, Fig. 20, 02-036-040 + 02-040-020
- 1 Griff, Klinge, Fig. 23, 02-036-040 + 02-040-023
- 1 anatomische Pinzette, 130 mm, 08-020-130
- 2 chirurgische Pinzetten, 1 x 2 Zähne, 130 mm, 08-221-130
- 2 Rochester-Péan Klemmen, 130 mm, 13-200-130
- 1 Hohlsonde, 130 mm, 33-180-130
- 1 Bose Trachealdilatator, 354-111-070
- 2 Iterson Trachealhäkchen, stumpf, 354-115-160
- 1 Bose Trachealhäkchen, 160 mm, scharf, rechts, 24-621-160
- 1 Bose Trachealhäkchen, 160 mm, scharf, links, 24-623-160
- 1 Luer Trachealkanüle, Standard, 7 mm Ø, Neusilber, 50-241-007
- 1 Luer Trachealkanüle, Standard, 8 mm Ø, Neusilber, 50-241-008
- 1 Reinigungsbürste, 33-510-000

Tracheotomy set, in metal case, consisting of:

- 1 Handle, blade, Fig. 20, 02-036-040 + 02-040-020
- 1 Handle, blade, Fig. 23, 02-036-040 + 02-040-023
- 1 Dressing forceps, 130 mm, 08-020-130
- 2 Tissue forceps, 1 x 2 teeth, 130 mm, 08-221-130
- 2 Rochester-Péan hemostatic forceps, 130 mm, 13-200-130
- 1 Grooved director, 130 mm, 33-180-130
- 1 Bose trachea dilator, 354-111-070
- 2 Iterson trachea retractors, blunt, 354-115-160
- 1 Bose trachea retractor, 160 mm, sharp, right, 24-621-160
- 1 Bose trachea retractor, 160 mm, sharp, left, 24-623-160
- 1 Luer trachea tube, standard, 7 mm Ø, german silver, 50-241-007
- 1 Luer trachea tube, Standard, 8 mm Ø, german silver, 50-241-008
- 1 Cleaning brush, 33-510-000

Trousse pour la trachéotomie, en étui de métal, se composant de:

- 1 Manche, lame, Fig. 20, 02-036-040 + 02-040-020
- 1 Manche, lame, Fig. 23, 02-036-040 + 02-040-023
- 1 Pince à disséquer, 130 mm, 08-020-130
- 2 Pinces à griffes, 1 x 2 griffes, 130 mm, 08-221-130
- 2 Pinces hémostatiques de Rochester-Péan, 130 mm, 13-200-130
- 1 Sonde cannelée, 130 mm, 33-180-130
- 1 Dilatateur trachéal de Bose, 354-111-070
- 2 Crochets trachéaux de Iterson, mous, 354-115-160
- 1 Crochet trachéal de Bose, 160 mm, pointu, à droite, 24-621-160
- 1 Crochet trachéal de Bose, 160 mm, pointu, à gauche, 24-623-160
- 1 Canule trachéale de Luer, modèle standard, 7 mm Ø, en maillechort, 50-241-007
- 1 Canule trachéale de Luer, modèle standard, 8 mm Ø, en maillechort, 50-241-008
- 1 Ecouvillon, 33-510-000

Estuche para la traqueotomía, en estuche de metal, compuesto de:

- 1 Mango, hoja, Fig. 20, 02-036-040 + 02-040-020
- 1 Mango, hoja, Fig. 23, 02-036-040 + 02-040-023
- 1 Pinza de disección, 130 mm, 08-020-130
- 2 Pinzas quirúrgicas, 1 x 2 dientes, 130 mm, 08-221-130
- 2 Pinzas hemostáticas de Rochester-Péan, 130 mm, 13-200-130
- 1 Sonda acanalada, 130 mm, 33-180-130
- 1 Dilatador traqueal de Bose, 354-111-070
- 2 Separadores traqueales de Iterson, romos, 354-115-160
- 1 Separador traqueal de Bose, 160 mm, agudo, a la derecha, 24-621-160
- 1 Separador traqueal de Bose, 160 mm, agudo, a la izquierda, 24-623-160
- 1 Cánula traqueal de Luer, modelo standard, 7 mm Ø, plata alemana, 50-241-007
- 1 Cánula traqueal de Luer, modelo standard, 8 mm Ø, plata alemana, 50-241-008
- 1 Cepillo de limpieza, 33-510-000

Astuccio per tracheotomia, contenente:

- 1 Manico, lama, Fig. 20, 02-036-040 + 02-040-020
- 1 Manico, lama, Fig. 23, 02-036-040 + 02-040-023
- 1 Pinza anatomica, 130 mm, 08-020-130
- 2 Pinze chirurgiche, 1 x 2 denti, 130 mm, 08-221-130
- 2 Pinze Rochester-Péan, 130 mm, 13-200-130
- 1 Sonda scanalata, 130 mm, 33-180-130
- 1 Uncino di Bose, 354-111-070
- 2 Uncini Iterson, smussa, 354-115-160
- 1 Uncino Bose, 160 mm, acuta, a destra, 24-621-160
- 1 Uncino Bose, 160 mm, acuta, a sinistra, 24-623-160
- 1 Canula tracheale Luer, modello standard, 7 mm Ø, argenteo, 50-241-007
- 1 Canula tracheale Luer, modello standard, 8 mm Ø, argenteo, 50-241-008
- 1 Spazzolina per pulire, 33-510-000





Kropffasszangen – Kropfsonden

Goitre grasping forceps – Goitre enucleator

Pinces à goitre – Spatules à goitre

Pinzas para coger el bocio – Sondas para bocio

Pinze per gozzo – Sonde per gozzo



MASTIN 1:2

170 mm – 6 ½"

354-519-170



LAHEY

150 mm – 6"

17-350-150

200 mm – 8"

17-350-200



KOCHER

150 mm – 6"

354-497-150

354-499-150

160 mm – 6 ¼"

354-497-160

354-499-160

mit Loch
with hole
avec trou
con orificio
con foro

Broncho-Oesophagoskopiezangen

Broncho-oesophagoscopy forceps

Pinces pour broncho-oesophagoscopie

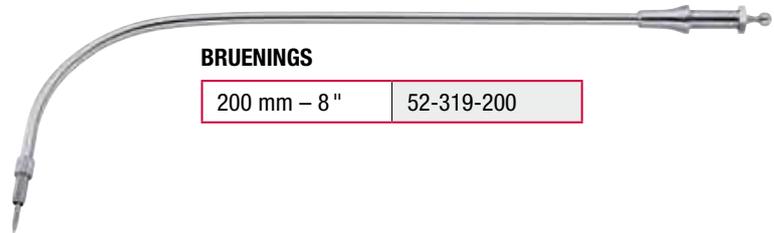
Pinzas para bronco-esofagoscopia

Pinze per bronco-oesophagoscopia



BRUENINGS

200 mm – 8 "	52-310-200
300 mm – 12 "	52-310-300
400 mm – 16 "	52-310-400
500 mm – 20 "	52-310-500
600 mm – 23 ½ "	52-310-600



BRUENINGS

200 mm – 8 "	52-319-200
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HUBER 1:2

52-300-000



Broncho-Oesophagoskopiezangen
Broncho-oesophagscopy forceps

Pinces pour broncho-oesophagoscopie
Pinzas para bronco-esofagoscopia
Pinze per bronco-oesophagoscopia



Auswechselbare Zangenaufsätze
Exchangeable tips
Embouts interchangeables
Bocas intercambiables
Punte intercambiabili



SEIFFERT

52-344-000



BRUENINGS

52-360-000

52-360-001

52-360-002



LANGE

352-158-000



SCHEINMANN

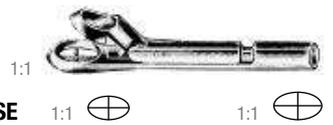
352-151-000



BRUENINGS

52-362-001

52-362-002



KRAUSE

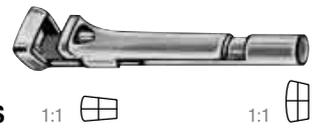
52-368-001

52-368-002



FRAENKEL

52-340-000



CORDES

52-390-001

52-390-002



KRAUSE

352-162-000



CORDES

52-380-001

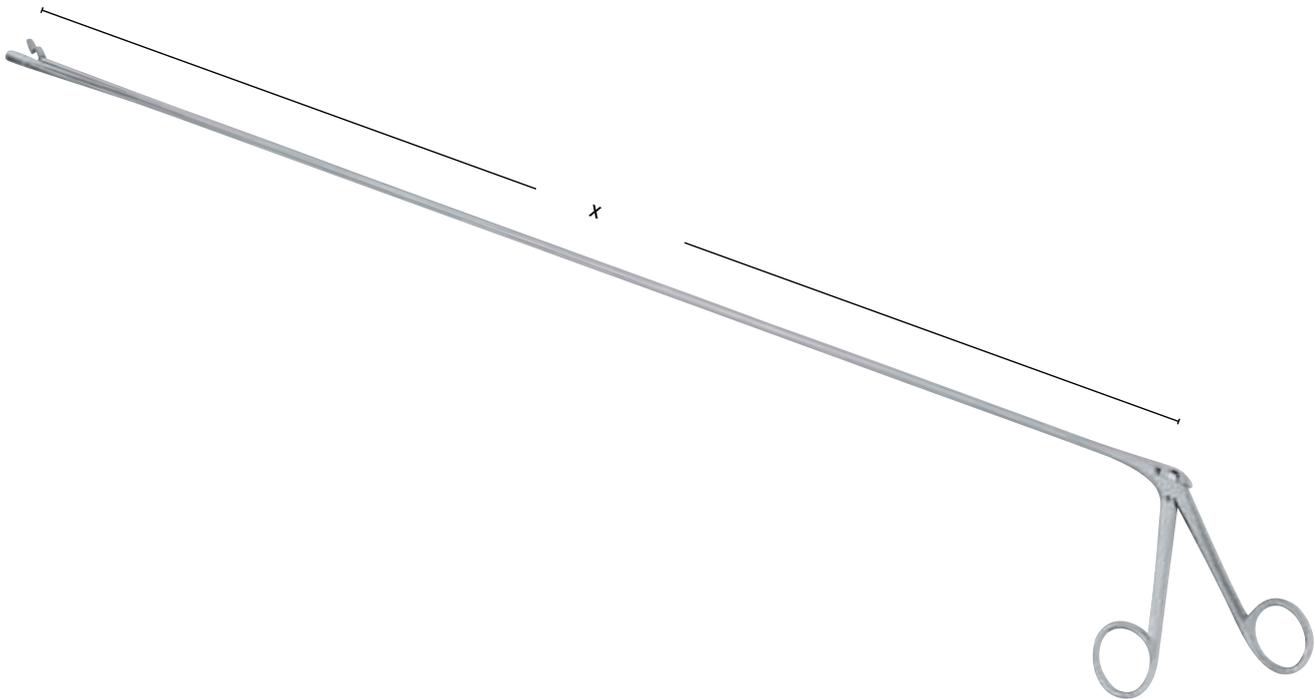
52-380-002

52-380-003

52-380-004

Broncho-Oesophagoskopiezangen
Broncho-oesophagoscopy forceps

Pinces pour broncho-oesophagoscopie
Pinzas para bronco-esofagoscopia
Pinze per bronco-oesophagoscopia



CHEVALIER-JACKSON



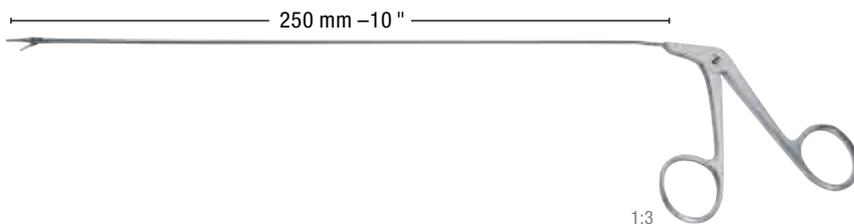
x = 300 mm – 12"	52-820-300	52-822-300	52-824-300	52-826-300
x = 400 mm – 16"	52-820-400	52-822-400	52-824-400	52-826-400
x = 500 mm – 20"	52-820-500	52-822-500	52-824-500	52-826-500
x = 600 mm – 23½"	52-820-600	52-822-600	52-824-600	52-826-600



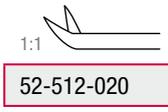
x = 300 mm – 12"	52-830-300	52-832-300	52-834-300
x = 400 mm – 16"	52-830-400	52-832-400	52-834-400
x = 500 mm – 20"	52-830-500	52-832-500	52-834-500
x = 600 mm – 23½"	52-830-600	52-832-600	52-834-600



Mikro-Instrumente für Laryngo-Broncho-Oesophagoskopie
Micro-instruments for laryngo-broncho-oesophagscopy
Micro-instruments pour laryngo-broncho-oesophagoscopie
Micro-instrumental para laringo-bronco-esofagoscopia
Micro-strumenti per laringo-bronco-esofagoscopia



	52-512-004	52-512-021	52-512-023	52-512-006	52-512-005
Scheren Scissors Ciseaux Tijeras Forbice	gerade gerade droit recta retta	gerade horizontal straight horizontal droit horizontal recta horizontal retta orizzontale	aufgebogen horizontal angled up horizontal coudé en haut coupe horizontal curvada arriba horizontal curvata in alto orizzontale	rechts gebogen curved right courbe à droite curvada a derecha curva a destra	links gebogen curved left courbe à gauche curvada a izquierda curva a sinistra



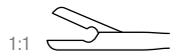
aufgebogen
angled up
coudé en haut
curvada arriba
curvata in alto



	52-512-001	52-512-018	52-512-019	52-512-003	52-512-002
Alligatorzangen Alligator forceps Pincas crocodile Pinzas cocodrilo Pinze coccodrillo	gerade, gerieft straight, serrated droit, strié recta, estriada retta, zigrinata	gerade horizontal straight horizontal droit horizontal recta horizontal retta orizzontale	aufgebogen horizontal angled up horizontal coudé en haut coupe horizontal curvada arriba horizontal curvata in alto orizzontale	rechts gebogen curved right courbe à droite curvada a derecha curva a destra	links gebogen curved left courbe à gauche curvada a izquierda curva a sinistra



2.5 mm ○	52-512-007	52-512-025	52-512-027	52-512-009	52-512-008
Löffelzangen Cup shaped forc. Pincas curettes Pinzas cureta Pinze a cucchaio	gerade gerade droit recta retta	aufgebogen angled up coudé en haut curvada arriba curvata in alto	aufgebogen horizontal angled up horizontal coudé en haut coupe horizontal curvada arriba horizontal curvata in alto orizzontale	rechts gebogen curved right courbe à droite curvada a derecha curva a destra	links gebogen curved left courbe à gauche curvada a izquierda curva a sinistra

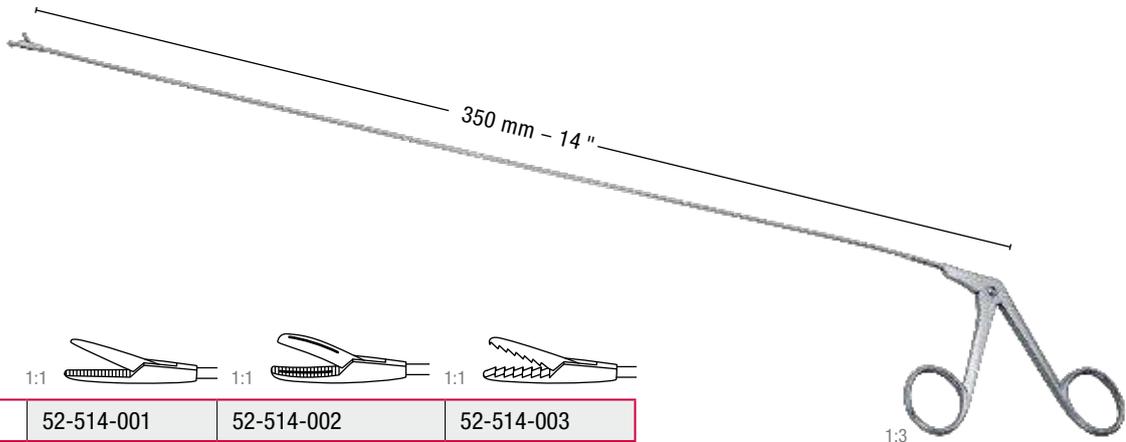


3 x 5 mm ○ **52-512-028**

Löffelzange
Cup shaped forc.
Pince curette
Pinza cureta
Pinza a cucchaio

oval
oval
ovale
oval
ovale

Mikro-Instrumente für Laryngo-Broncho-Oesophagoskopie
Micro-instruments for laryngo-broncho-oesophagocopy
Micro-instruments pour laryngo-broncho-oesophagocopy
Micro-instrumental para laringo-bronco-esofagoscopia
Micro-strumenti per laringo-bronco-esofagoscopia



	52-514-001	52-514-002	52-514-003
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Fasszange Grasping forceps Pince à saisir Pinza agarre Pinza da presa	gerade, gerieft straight, serrated droit, striée recta, estriada retta, zigrinata	gerade, gefenstert straight, fenestrated droit, fenêtrée recta, fenestrada retta, fenestrata	gerade gerade droit recta retta
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3 mm ○	52-514-010	52-514-012	52-514-013	52-514-015	52-514-017
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Löffelzangen Cup shaped forc. Pincas curettes Pinzas cureta Pinze a cucchaio	gerade gerade droit recta retta	aufgebogen angled up coudé en haut curvada arriba curvata in alto	aufgebogen horizontal angled up horizontal coudé en haut coupe horizontal curvada arriba horizontal curvata in alto orizzontale	rechts gebogen curved right courbe à droite curvada a derecha curva a destra	links gebogen curved left courbe à gauche curvada a izquierda curva a sinistra
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	2 mm x 5 mm	3 mm x 5 mm
	52-514-020	52-514-022

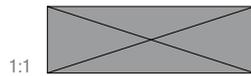
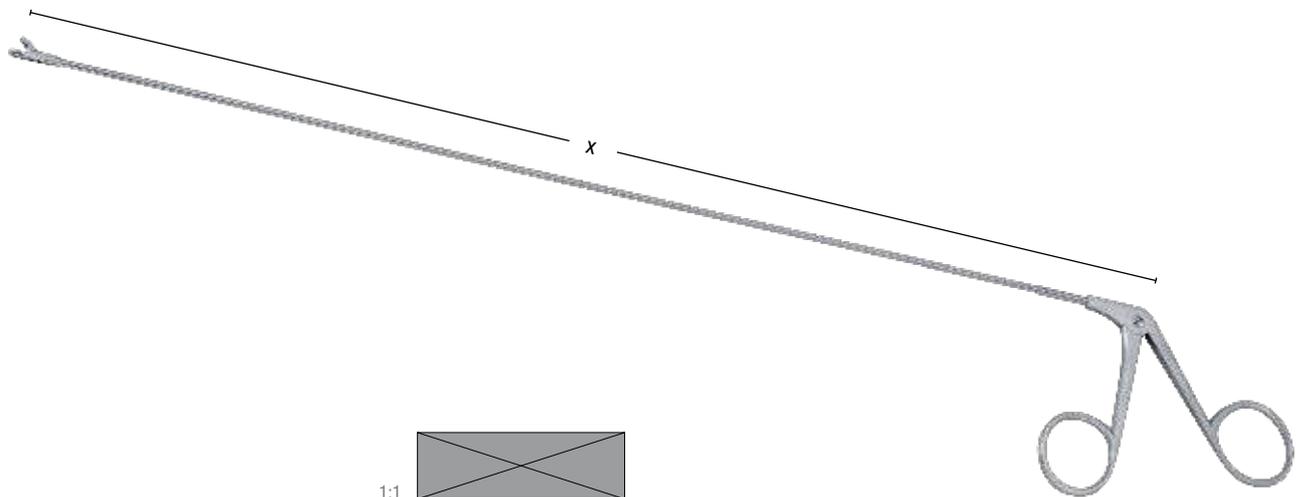
Löffelzangen Cup shaped forc. Pincas curettes Pinzas cureta Pinze a cucchaio	gerade gerade droit recta retta	gerade gerade droit recta retta
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	52-514-024
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Universalzange Universal forceps Pince universelle Pinza universal Pinza universale	gerade gerade droit recta retta
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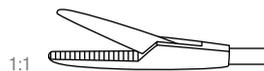
Mikro-Instrumente für Laryngo-Broncho-Oesophagoskopie
Micro-instruments for laryngo-broncho-oesophagoscopy
Micro-instruments pour laryngo-broncho-oesophagoscopie
Micro-instrumental para laringo-bronco-esofagoscopia
Micro-strumenti per laringo-bronco-esofagoscopia



1:1

x = 400 mm – 16"	52-515-002
x = 500 mm – 20"	52-516-002
x = 600 mm – 23½"	52-518-002

Tumorzange, gerade
 Punch forceps, straight
 Pince pour tumeurs, droit
 Pinza para tumores, recta
 Pinza per tumori, retta



1:1



1:1



1:1

x = 400 mm – 16"	52-515-004	52-515-006	52-515-008
x = 500 mm – 20"	52-516-004	52-516-006	52-516-008
x = 600 mm – 23½"	52-518-004	52-518-006	52-518-008

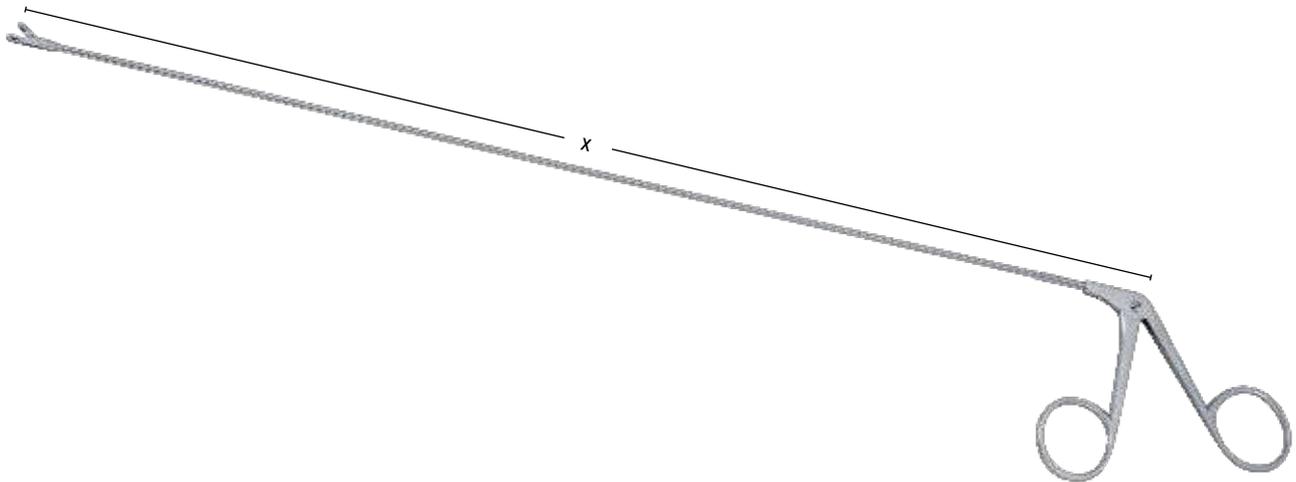
Fasszange
 Grasping forceps
 Pince à saisir
 Pinza agarre
 Pinza da presa

gerade, gerieft
 straight, serrated
 droit, striée
 recta, estriada
 retta, zigrinata

gerade, gefenstert
 straight, fenestrated
 droit, fenêtrée
 recta, fenestrada
 retta, fenestrata

gerade
 gerade
 droit
 recta
 retta

Mikro-Instrumente für Laryngo-Broncho-Oesophagoskopie
Micro-instruments for laryngo-broncho-oesophagoscopy
Micro-instruments pour laryngo-broncho-oesophagoscopie
Micro-instrumental para laringo-bronco-esofagoscopia
Micro-strumenti per laringo-bronco-esofagoscopia



	4 mm	4 mm	4 mm	4 mm
x = 400 mm – 16"	52-515-010	52-515-012	52-515-014	52-515-016
x = 500 mm – 20"	52-516-010	52-516-012	52-516-014	52-516-016
x = 600 mm – 23½"	52-518-010	52-518-012	52-518-014	52-518-016

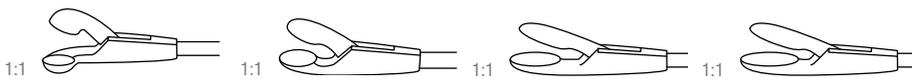
Löffelzangen
Cup shaped forc.
Pincés curettes
Pinzas cureta
Pinze a cucchaio

gerade
gerade
droit
recta
retta

aufgebogen
angled up
coudé en haut
curvada arriba
curvata in alto

aufgebogen horizontal
angled up horizontal
coudé en haut coupe horizontal
curvada arriba horizontal
curvata in alto orizzontale

rechts gebogen
curved right
courbe à droite
curvada a derecha
curva a destra



	4 mm	3 mm x 4 mm	4 mm x 6 mm	4 mm x 8 mm
x = 400 mm – 16"	52-515-018	52-515-020	52-515-022	52-515-024
x = 500 mm – 20"	52-516-018	52-516-020	52-516-022	52-516-024
x = 600 mm – 23½"	52-518-018	52-518-020	52-518-022	52-518-024

Löffelzangen
Cup shaped forc.
Pincés curettes
Pinzas cureta
Pinze a cucchaio

links gebogen
curved left
courbe à gauche
curvada a izquierda
curva a sinistra

gerade
gerade
droit
recta
retta

gerade
gerade
droit
recta
retta

gerade
gerade
droit
recta
retta



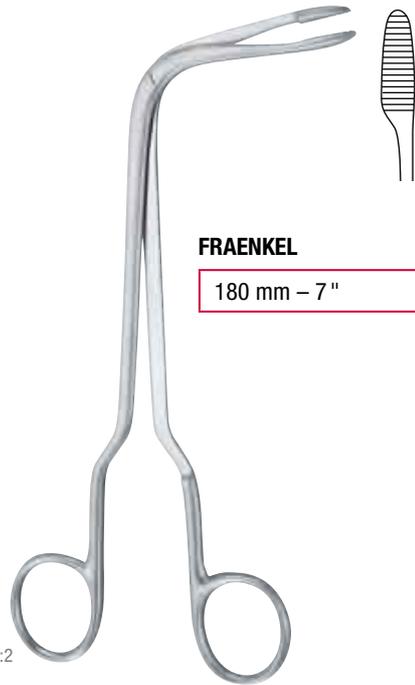
x = 400 mm – 16"	52-515-030
x = 500 mm – 20"	52-516-030
x = 600 mm – 23½"	52-518-030

Universalzange
Universal forceps
Pince universelle
Pinza universal
Pinza universale

gerade
gerade
droit
recta
retta



Kehlkopfpolypenzangen
Laryngeal polypus forceps
Pinces à polypes laryngiens
Pinzas para pólipos laríngeos
Pinze per polipi laringei

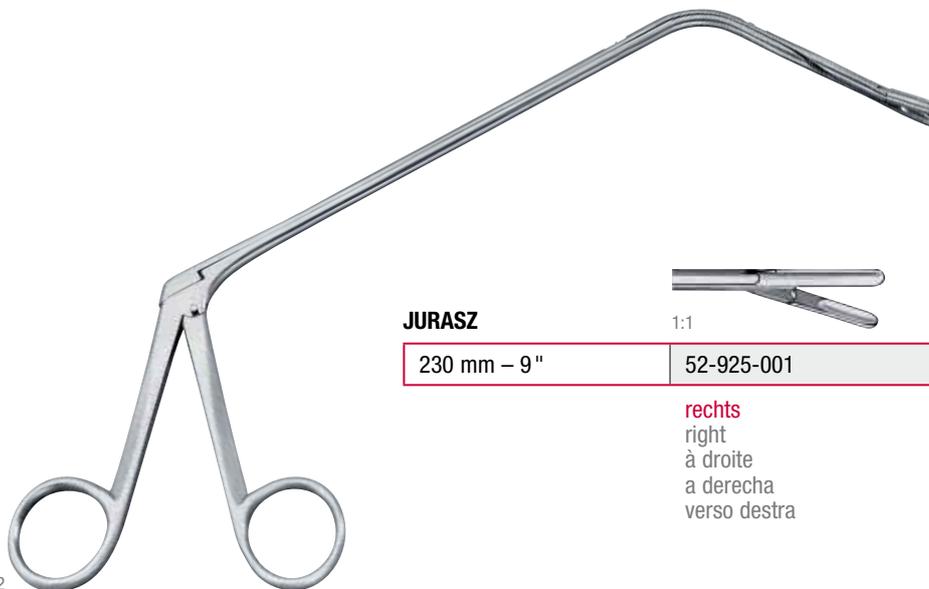


FRAENKEL

180 mm – 7"

52-921-180

1:2



JURASZ

230 mm – 9"



1:1



1:1

52-925-001

52-925-002

rechts
right
à droite
a derecha
verso destra

links
left
à gauche
a izquierda
verso sinistra



1:1



1:1

52-925-003

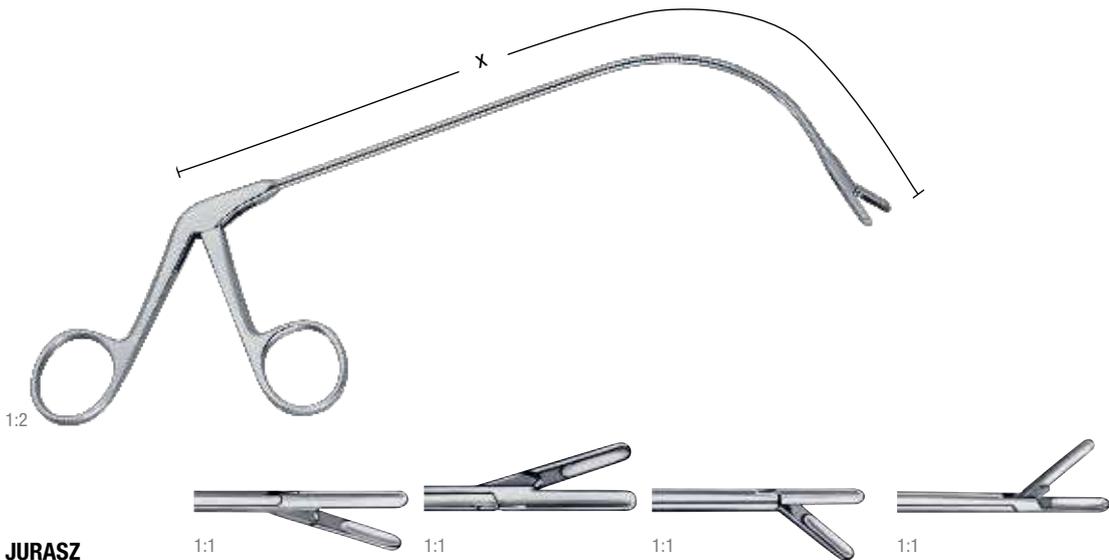
52-925-004

nach unten
downwards
vers le bas
hacia abajo
verso basso

nach oben
upwards
vers le haut
hacia arriba
verso alto

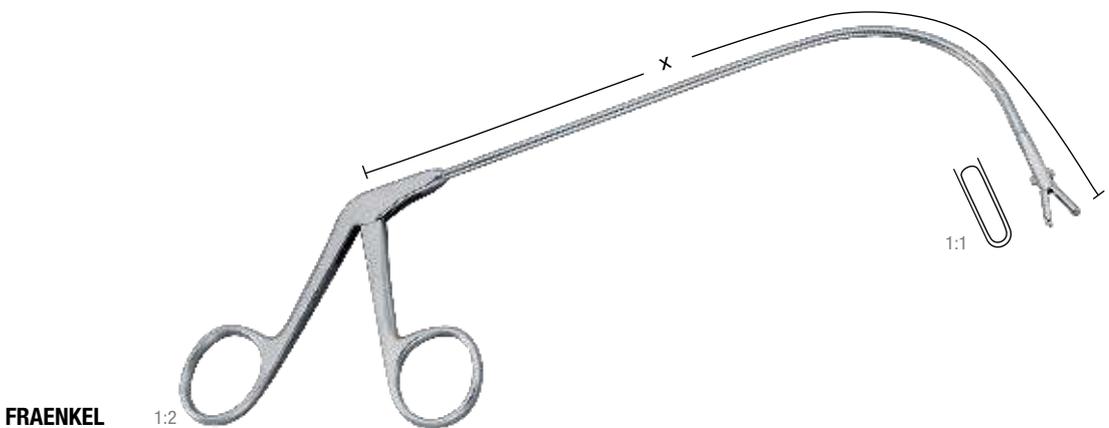
1:2

Kehlkopfpolypenzangen
Laryngeal polypus forceps
Pinces à polypes laryngiens
Pinzas para pólipos laríngeos
Pinze per polipi laringei



JURASZ

230 mm – 9"	52-927-001	52-927-002	52-927-003	52-927-004
	rechts right à droite a derecha verso destra	links left à gauche a izquierda verso sinistra	nach unten downwards vers le bas hacia abajo verso basso	nach oben upwards vers le haut hacia arriba verso alto



FRAENKEL

x = 170 mm – 6¾"	52-919-170
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beide Maulteile beweglich
both jaws articulated
les deux mâchoires mobiles
las dos mandíbulas móviles
ambedue i morsi mobili